

E006 BellSouth SWA Service
(E6.1-E6.2)

E6. BELLSOUTH SWA SERVICE

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E6. BELLSOUTH SWA SERVICE

E6.1 General

BellSouth SWA service, which is available to customers¹ for their use in furnishing their services to end users, provides a two-point electrical communications path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities, and common subscriber plant of the Company. *BellSouth SWA* service provides for the ability to originate calls from an end user's premises to a customer's premises, and to terminate calls from a customer's premises to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of *BellSouth SWA* service are provided in E6.1.1 and E6.1.2 following.

Rates and charges for *BellSouth SWA* service depend generally on its use by the customer (i.e., for MTS or WATS services, MTS-WATS equivalent services, or other services, e.g., foreign exchange service), and whether it is provided in a Company end office that is equipped to provide equal access (*BellSouth SWA FGD* and *BellSouth SWA* TSBSA 3, described in E6.1.1.D. and E6.1.1.H. following). Rates and charges for *BellSouth SWA* service are set forth in E6.8 following. The application of rates for *BellSouth SWA* service is described in E6.7 following. Rates and charges for services other than *BellSouth SWA* service (e.g., a customer's toll message service) may also be applicable when *BellSouth SWA* service is used in conjunction with these other services. Descriptions of such applicability are provided in E6.2.1.A.7., E6.2.1.B.3., E6.2.2.A.5., E6.2.2.B.4., E6.2.3.A.5., E6.2.4.A.4., E6.2.8.A.7., E6.2.8.B.6., E6.2.9.A.1.e., E6.2.9.B.1.e., E6.2.9.C.1.d., E6.7.10 and E6.7.12, following. Finally, a credit is applied against line side *BellSouth SWA* service charges as described in E6.7.11, following.

E6.1.1 BellSouth SWA Service Arrangements and Manner of Provision

BellSouth SWA service is provided in nine service categories, four of standard and optional features called *BellSouth SWA FGs*, *BellSouth SWA* 500 service, *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service, *BellSouth SWA* 900 service and two unbundled *BellSouth SWA* Basic Serving Arrangements. The feature group and unbundled service categories coexist during a transition period. Any IC desiring to convert from *BellSouth SWA FG* service to the analogous *BellSouth SWA Basic Serving Arrangement* service must submit a request. A request for a change to existing service (e.g., add, delete optional features) will follow the normal ordering process for such service. The Company will provide written notification of the date which feature groups are being eliminated to all access customers of record. This notification will be sent at least six months in advance of the end of the transition period. The *BellSouth SWA* service categories are differentiated by their technical characteristics (e.g., line side vs. trunk side connection at the Company entry switch) and the manner in which an end user accesses them in originating calling (e.g., with or without an access code). Following is a brief description of each type of service arrangement.

Note 1: In Section E6., *BellSouth SWA* service, the term "customer(s)" is defined in E2.6.

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E6. BELLSOUTH SWA SERVICE

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E6.1 General (Cont'd)

E6.1.1 BellSouth SWA FG Arrangements And Manner Of Provision (Cont'd)

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A. BellSouth SWA FGA

BellSouth SWA FGA, which is available to all customers, provides line side access to Company end office switches with an associated seven digit local telephone number for the customer's use in originating and terminating communications from or terminating communications to an Interexchange Carrier's intrastate service or a Company-provided, end-office based, intrastate private network switching service. When a customer certifies that it is providing an intrastate, interLATA private network switching function for the end user at its terminal location, the end user may order BellSouth SWA FGA for off-network access. Otherwise, the customer may order such access. An end user is restricted to ordering BellSouth SWA FGA for off-network access associated with private network switches. Additionally BellSouth SWA FGA FX/ONAL type services will be billed directly to the end user (subscriber) of these services. Customers are not restricted and in addition to the off-network access capability, customers can order BellSouth SWA FGA in connection with providing interLATA foreign exchange service and MTS-like service. When associated with a Company-provided, end-office based private network switch, end users must order BellSouth SWA FGA for off-network access. When BellSouth SWA FGA service is ordered by an end user for use with a Company provided private network switch, the end user must specify the customer that provides the interLATA links of the private network service. If an end user provides the interLATA links of its private network, the end user may order BellSouth SWA FGA for off-network access. A more detailed description of BellSouth SWA FGA is provided in E6.2.1 following.

The Company will bill BellSouth SWA FGA FX/ONAL type service directly to the customer's end user, and the end user will be subject to the deposit, payment and credit arrangements as specified in E2.4.1.

B. BellSouth SWA FGB

BellSouth SWA FGB, which is available to all customers, provides trunk side access to Company end office switches with an associated uniform 950-XXXX or 950-1XXX access code for the customers use in originating and terminating communications. A more detailed description of BellSouth SWA FGB is provided in E6.2.2 following.

C. BellSouth SWA FGC

BellSouth SWA FGC, which is available only to providers of MTS and WATS, provides trunk side access to Company end office switches for the customer's use in originating and terminating communications. This service is available in all end offices which are not equipped for BellSouth SWA FGD End Office Switching. Existing BellSouth SWA FGC will be converted to BellSouth SWA FGD access when it becomes available in an end office. A more detailed description of BellSouth SWA FGC is provided in E6.2.3 following.

D. BellSouth SWA FGD

BellSouth SWA FGD, which is available to all customers, provides trunk side access to Company end office switches with an associated uniform 101XXXX access code for the customer's use in originating and terminating communications. As an option, BellSouth SWA FGD is also available, where technically feasible, with an associated uniform 950-XXXX access code for the customer's use in originating and terminating traffic. A more detailed description of BellSouth SWA FGD is provided in E6.2.4, following.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.1 BellSouth SWA Service Arrangements And Manner Of Provision (Cont'd)

E. BellSouth SWA 500 Service

BellSouth SWA 500 service is an originating service that is provided via BellSouth SWA 500 service Trunk Groups. BellSouth SWA 500 service Trunk Groups will be provided in conjunction with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 or in accordance with the technical characteristics of BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3.

The service provides the customer identification function and delivery of the call to the customer based on the first six digits of the dialed number. From the Company's SSP equipped end office, the customer identification function will be performed via a database look-up at the SCP. From non-SSP equipped end offices, the customer identification function will be performed by 500 NXX screening.

A more detailed description of *BellSouth SWA 500 service* is set forth in E6.2.10 following.

F. BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service

BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service is an originating service that is provided via BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service Trunk Groups. BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service Trunk Groups, from the Company's SSP equipped end office or access tandem to the customer, will be provided in conjunction with BellSouth SWA FGD or BellSouth SWA TSBSA 3. The service provides the customer identification function and delivery of the call to the customer based on the dialed ten digit number.

A more detailed description of *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service* is as set forth in E6.2.5, following.

G. BellSouth SWA 900 Service

BellSouth SWA 900 service is an originating service that is provided via BellSouth SWA 900 service Trunk Groups. BellSouth SWA 900 service Trunk Groups will be provided in conjunction with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3, or in accordance with the technical characteristics of BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3. The service provides the customer identification function (900 NXX screening) based on the first six digits of the dialed 900 call, which determines the customer to which the call is to be routed based on the NXX dialed.

A more detailed description of *BellSouth SWA 900 service* is set forth in E6.2.7, following.

H. BellSouth SWA LSBSA

BellSouth SWA LSBSA, which is available to all customers, provides line side access to Company end office switches with an associated seven digit local telephone number for the customer's use in originating and terminating communications to another customer's intrastate service or a customer provided intrastate communications capability. The customer must specify the Interexchange Carrier to which the BellSouth SWA LSBSA is connected or in the alternative, specify the means by which the BellSouth SWA LSBSA access communications are transported to another state. A more detailed description of BellSouth SWA LSBSA is provided in E6.2.8, following.

I. BellSouth SWA TSBSA

1. BellSouth SWA TSBSA 1

BellSouth SWA TSBSA 1, which is available to all customers, provide trunk side access to Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the customer's use in originating and terminating communications to an Interexchange Carrier's interstate service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the BellSouth SWA TSBSA 1 service is connected or, in the alternative, specify the means by which the BellSouth SWA TSBSA 1 access communications are transported to another state. A more detailed description of BellSouth SWA TSBSA 1 is provided in E6.2.9.A.

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E6. BELLSOUTH SWA SERVICE

(T)

E6.1 General (Cont'd)

E6.1.1 BellSouth SWA Service Arrangements And Manner Of Provision (Cont'd)

(T)

1. BellSouth SWA TSBSA (Cont'd)

(T)

2. BellSouth SWA TSBSA 2

(T)

BellSouth SWA TSBSA 2, which is available only to providers of MTS and WATS, provides trunk side access to Company end office switches for the customer's use in originating and terminating communications. This service is available in all end offices which are not equipped for **BellSouth SWA TSBSA 3** end office switching. Existing **BellSouth SWA TSBSA 2** access will be converted to **BellSouth SWA TSBSA 3** when it becomes available in an end office. A more detailed description of **BellSouth SWA TSBSA 2** is provided in E6.2.9.B.

(T)

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.1 BellSouth SWA Service Arrangements And Manner Of Provision (Cont'd)

I. BellSouth SWA TSBSA (Cont'd)

3. BellSouth SWA TSBSA 3

BellSouth SWA 3, which is available to all customers, provides trunk side access to Company end office switches with an associated uniform 101XXXX¹ access code for the customer's use in originating and terminating communications. This service may be presubscribed to by a primary Interexchange Carrier. A more detailed description of BellSouth SWA TSBSA 3 is provided in E6.2.9.C. following.

J. Manner of Provision

BellSouth SWA service arrangements are furnished in either quantities of lines or trunks. Trunks are differentiated by type and directionality of traffic carried over a BellSouth SWA service arrangement.

There are *five* major traffic types. These are: Originating, Terminating, Directory Assistance, *CCS7 Access* and Operator Services. The Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer. The Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user. The Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. The Operator Services traffic type represents access capacity within a LATA for carrying Operator Service traffic from the customer to the Operator Services location. (C)

When ordering for BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA, the customer must at a minimum specify such access in terms of Originating traffic type and/or Terminating traffic type. The Directory Assistance traffic type is as set forth in Section E9, *of this Tariff*. The Operator Services traffic type is as set forth in Section E18., *of this Tariff*. (T)

Because some customers will wish to further segregate their originating BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 traffic into separate trunk groups, the Originating traffic type is further categorized into 500, 800, 900 and Operator. The 500, 800, 900 and Operator traffic type represent access capacity for carrying, respectively, only 500, 800, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify 500, 800, 900 or Operator traffic type.

When ordering CCS7 access, the customer must order the required number of CCS7 signaling connections and CCS7 signaling terminations.

E6.1.2 WATS Access Line (a.k.a. BellSouth SPA WATS Line) Service

WATS Access Line (a.k.a. BellSouth SPA WATS Line) service is a type of BellSouth SWA service that is provided for use with BellSouth SWA FGC, BellSouth SWA FGD and BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 service originating and terminating. WATS Access Line (a.k.a. BellSouth SPA WATS Line) service connects an end user premises with a WATS or WATS-type serving office. This service is described in Section E7., *of this Tariff*. (T)

E6.1.3 Rate Categories

The rate categories which apply to BellSouth SWA service are:

- BellSouth SWA Transport (described in E6.1.3.A. following)
- Local Switching (described in E6.1.3.B. following)
- Common Line (described in Section E3. *of this Tariff*)
- 800 Database (described in E6.1.3.D. following)
- BellSouth SWA 500 service (described in E6.1.3.E. following)

In addition to these rate categories, there is an Information Surcharge that applies to BellSouth SWA FGD and BellSouth SWA TSBSA 3. (T)

Note 1: Pursuant to the FCC's Second Report and Order in CC Docket No. 92-237, the five digit access code (10XXX) for BellSouth SWA TSBSA 3 will be phased-out during the period July 1, 1998 until September 1, 1998. During the conversion period as each end office is converted, five digit dialing will be routed to an announcement. Carriers and end users will have no knowledge of the conversion schedule. (T)

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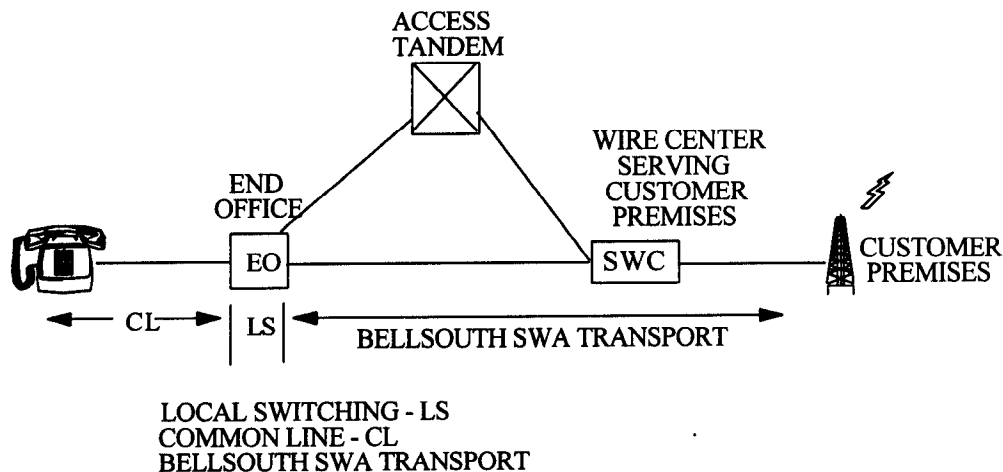
BY: Stephan Bell
SECRETARY OF THE COMMISSION

E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

The following diagram depicts a generic view, with the exception of *BellSouth SWA* 500 service and 800 Database, of the components of *BellSouth SWA* service and the manner in which the components are combined to provide a complete access service.



A. *BellSouth SWA* Transport

The *BellSouth SWA* Transport rate category provides the transmission facilities and equipment between:

- the customer's premises and the customer's serving wire center;
- the customer's serving wire center and the end office switch(es);
- the end office switch(es) and the access tandem and;
- the customer's serving wire center and the access tandem.

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E6. BELLSOUTH SWA SERVICE

(T)

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

(T)

The customer's traffic is switched at the end office to originate or terminate the customer's communications. NGT

BellSouth SWA Transport is a voice frequency transmission path composed of facilities determined by the Company or as ordered by the customer. The voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's premises) and in the terminating direction (from the customer's premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

(T)

For purposes of determining the type of switched transport to be used, the customer must designate if the service is to be directly routed to the end office(s) switch or routed through the Access Tandem.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

The Company will work cooperatively with the customer in determining: (1) whether the service is to be directly routed to an end office switch, (2) whether the service is to be routed via the access tandem, (3) whether the service is to be routed through a TOPS tandem switch and (4) the directionality of the service.

In addition, when the customer has ordered BellSouth SWA FGD or BellSouth SWA TSBSA 3 in association with the AccuPulse® service access capability optional feature as set forth in 7. following, the Company will assure that facilities it provides are capable of supporting 56 Kbps digital data.

When the customer has ordered BellSouth SWA FGD or BellSouth SWA TSBSA 3 with the BellSouth SWA CCSAC optional feature, as set forth 7. following, the Company will provide the BellSouth SWA CCSAC option in accordance with the technical specifications set forth in the BellSouth Guidelines to Technical Publication TR-TSV-000905.

When the customer has ordered BellSouth SWA FGD and BellSouth SWA TSBSA 3 with the 64 CCC optional feature, as set forth in 7. following, the Company will provide the 64 Clear Channel Capability (CCC) option in accordance with the Technical Publication TR-TSV-000962.

When the customer has ordered BellSouth SWA LSBSA service and any of the following BSEs, BCLID, SMDI, Make Busy/Night Transfer, Queuing (subelement including Call Waiting and Music After Delay Announcement Only), a Dedicated Network Access Line (DNAL) is required between the customer premises and the Company's end office switch. The DNAL provides for the transport of data and control information through voice grade or program audio facilities. DNALs are further described in 5. following. DNALs are provided in accordance with technical references and publications TR-NPL-000335, PUB 41004 - Table 4, and TR-NPL-000337, and as specified in 5. and 6. following.

BellSouth SWA Transport is provided at the rates and charges set forth in E6.8 following. The application of these rates with respect to individual feature groups is as set forth in E6.7.1. D following.

The basic components applicable to BellSouth SWA Transport are Switched Local Channel, Switched Interoffice Channel (for dedicated and common transport), *Off-Net BellSouth Managed Shared Ring service channels*, Channelization Equipment, Access Tandem Switching, Dedicated Tandem Trunk Port Service and Interconnection. These are defined following:

1. Switched Local Channel

The Switched Local Channel provides a communications path between the customer's premises and the serving wire center of that premises. Included as part of the Switched Local Channel is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the customer's point of termination. The Switched Local Channel is capable of carrying a combination of BellSouth SWA traffic types (e.g., BellSouth SWA FGs, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, BellSouth SWA 900 service, etc.)

The Switched Local Channel rate is assessed a monthly fixed charge based on the capacity (e.g. Voice Grade, DS1, DS3) ordered. This charge will also apply when the customer's premises and the serving wire center are located in the same Company building. A Switched Local Channel charge will be applicable when associated with services ordered by End Users which are utilizing a Company-provided, end office based private network switching system.

Additionally, the Switched Local Channel can provide a transmission path between an interstate Switched Expanded Interconnection Arrangement and a Telephone Company end office switch (Intraoffice DS1 or DS3) when a Switched Expanded Interconnection Arrangement is purchased from BellSouth Telecommunications, Inc., Tariff F.C.C. No. 1. This Switched Local Channel is provided at DS1 and/or DS3 capacity and is assessed a monthly fixed charge based on the capacity ordered by the Interconnecting Customer.

2. Switched Interoffice Channel

The Switched Interoffice Channel provides a transmission facility and the Facility Termination. The Facility Termination applies for each Switched Interoffice Channel terminated.

Depending upon the customer's order for BellSouth SWA services, the Switched Interoffice Channel can be used for BellSouth SWA Dedicated Transport or BellSouth SWA Common Transport.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

2. Switched Interoffice Channel (Cont'd)

For BellSouth SWA Dedicated Transport, the Switched Interoffice Channel can be provisioned between the following customer designated points: (1) the customer's serving wire center (SWC) and the Company end office switch(es), (2) the SWC and a Company Facility Hub (Hub) and, (3) the SWC and an Access Tandem, (4) a Hub and an Access Tandem, (5) a Hub to an end office and, (6) a Hub to a Hub.

For BellSouth SWA Common Transport, the Switched Interoffice Channel *is* provisioned between the customer designated Company end office switch(es) *and* the Access Tandem. *This includes* transport between the Access Tandem and the end office, between an end office which serves as a host for a remote switching system or module (RSS or RSM) and the RSS or RSM. For terminating BellSouth SWA FGA between the dial tone office and the end office, the transport must be BellSouth SWA Common Transport. (C)

Mileage measurement for BellSouth SWA Common Transport and BellSouth SWA Dedicated Transport is in accordance with E6.7.13, following.

(DELETED)

a. Switched Dedicated Interoffice Channel

The Switched Dedicated Interoffice Channel (SW DIOC) rate category consists of two rate elements: (1) a Switched Dedicated Transport Interoffice Channel Facility, and (2) a BellSouth SWA Dedicated Transport Interoffice Channel Facility Termination. (D)

The SW DIOC Facility is ordered by the customer based on capacity (e.g. Voice Grade, DSO, DS1 or DS3) and permits the transmission of calls or data in the originating direction and/or in the terminating direction depending upon the customer's facility configuration.

The Facility Termination component of the SW DIOC provides equipment necessary for the termination of the Switched Dedicated Interoffice Channel facility. A Facility Termination charge will apply for each service termination of greater than zero miles (i.e., BellSouth SWA VG, BellSouth SWA DSO, BellSouth SWA DS1 or BellSouth SWA DS3).

The SW DIOC transmission charge is a monthly, per mile charge based on the capacity of the service (e.g. BellSouth SWA VG, BellSouth SWA DSO, BellSouth SWA DS1 and/or BellSouth SWA DS3). The Facility Termination charge is assessed as a monthly rate.

b. Switched Common Interoffice Channel

The Switched Common Interoffice Channel (SW CIOC) is composed of BellSouth SWA Common Transport facilities as determined by the Company and permits the transmission of calls or data in the originating direction and/or terminating direction depending upon the customer's order.

The Facility Termination component of the SW CIOC provides for equipment necessary for the termination of the Switched Common Interoffice Channel facility.

The SW CIOC transmission charge is a per minute of use, per mile charge. Facilities Termination charges are assessed on a per minute of use for greater than zero miles.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

3. Access Tandem Switching

Access Tandem Switching provides for the function of switching traffic through the Access Tandem from or to the end office switch(es). The Access Tandem Switching charge is assessed on all originating and terminating minutes of use switched at the Access Tandem.

4. Dedicated Tandem Trunk Port

The Dedicated Tandem Trunk Port provides for termination of transport facilities at the Company tandem switch. This service is required for all BellSouth SWA Dedicated Transport ordered to the access tandem for switching at the tandem. It is available on a DS0/VG and DS1 trunk port basis. Rates and charges are set forth in E 6.8.1(D)(2) following. (T)

5. Interconnection

The Interconnection charge shall be assessed upon all customers interconnecting with the BellSouth SWA Network. Interconnection is applicable to all BellSouth SWA originating and terminating minutes of use. Separate originating and terminating Interconnection charges are applicable to those customers utilizing Company transport facilities and those customers not using Company transport facilities to gain access to the Company switched network. (T)

The application of originating and terminating Interconnection rates on the originating end for BellSouth FGA, BellSouth SWA LSBSA, 700, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service and BellSouth SWA 900 service will follow the application of originating and terminating Carrier Common Line rates for those services as specified in E3.9.E preceding. Interconnection rates are provided in E6.8.1(E) following. (T)

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

6. Interface Group Arrangements

Interface Group Arrangements, Interface Groups and Dedicated Network Access Line (DNAL) are provided for terminating the BellSouth SWA Transport at the customer's premises. Each Interface Group and DNAL provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path may be provided, at the option of the customer, with optional features as set forth in 7., following.

As a result of the customer's access order, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities, Channelization Equipment may be required to be provided by the customer at the customer's premises. For example, if a voice frequency interface is ordered by the customer and the facilities serving the customer's premises are digital, channelization equipment must be provided by the customer in order to provide the voice frequency interface ordered by the customer.

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2, 3, 6 and 9 are provided with Type A or B Transmission Specifications, depending on the type of service and whether the access service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters and the type signaling option ordered.

Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Group Arrangements may vary among different types of service. The various premises interfaces which are available with the Interface Group Arrangements, and the types of service with which they may be used, are set forth in 6., following.

a. Interface Group 1 (USOC TPP1X)

Interface Group 1, except as set forth following, provides two-wire voice frequency transmission at the point of termination at the customer's premises. Interface Group 1 is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA 500, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, and BellSouth SWA 900 service, and BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3 when the first point of switching is an access tandem. Access Tandem Switching charges are applicable to Interface Group 1 routed through an access tandem. In addition, Interface Group 1 is not provided in association with BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, BellSouth SWA 900 service, or BellSouth SWA TSBSA when the first point of switching provides only four-wire terminations.

The transport between the point of termination at the customer's premises and the customer's serving wire center will be comprised of facilities capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with BellSouth SWA FGA or BellSouth SWA LSBSA, such signaling will be loop start or ground start signaling. When the interface is associated with BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

6. Interface Group Arrangements (Cont'd)

b. Interface Group 2 (USOC TPP2X)

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer's premises. Interface Group 2 is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transport between the point of termination at the customer's premises and the customer's serving wire center will be comprised facilities capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with BellSouth SWA FGA or BellSouth SWA LSBSA, such signaling will be loop start or ground start signaling. When the interface is associated with BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, BellSouth SWA 900 Service or BellSouth SWA TSBSA, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

(T)

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

6. Interface Group Arrangements (Cont'd)

c. Interface Group 6 (USOC TPP6X)

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to twenty-four voice frequency transmission paths.

Before the first point of switching, when analog switching utilizing analog terminations is provided, Channelization Equipment may be necessary to derive twenty-four transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Company will provide, at the customer's request, at the first point of switching, a DS1 signal in D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

(T)

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

6. Interface Group Arrangements (Cont'd)

d. Interface Group 9 (USOC TPP9X)

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, Channelization Equipment will be necessary to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Company will provide, at the customer's request, at the first point of switching, DS1 signals in D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

e. Dedicated Network Access Line (DNAL)

The DNAL provides a connection between the IC designated premises and a Company central office (which provides LSBSA dial tone) for connection to equipment that is not a part of the central office switch but which is used to provide the associated BSE. The DNAL is used only in conjunction with BellSouth SWA LSBSA BSE services requiring a separate link for transmitting data or control information as specified in E6.3.3. The BellSouth SWA LSBSA BSE service determines the requirement for speed, type, and number of DNALS.

DNAL Service is either a two-wire or four-wire channel providing either voice frequency transmission capability in the nominal frequency range of 200 to 3500 Hz, or program audio transmission capability in the nominal frequency range of 50 to 8000 Hz.

There are two basic rate categories which apply to DNALS. Each DNAL has one DNAL Switched Local Channel and one DNAL Switched Interoffice Channel described as follows:

(1) DNAL Switched Local Channel

In general, the DNAL Switched Local Channel rate category provides for the communications path between the customer-designated premises and the serving wire center of that premises. One DNAL Switched Local Channel charge will apply per customer-designated premises at which the channel is terminated. This charge will also apply where the customer-designated premises and the serving wire center are located in the same Company building.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

6. Interface Group Arrangements (Cont'd)

f. Dedicated Network Access Line (DNAL) (Cont'd)

(2) Switched Interoffice Channel

The DNAL Switched Interoffice Channel rate category provides for the transmission facilities between the serving wire center of the customer designated premises and the serving wire center providing the associated BellSouth SWA LSBSA dial tone. A DNAL Switched Interoffice Channel is portrayed in mileage bands. There are two rates that apply for each band, i.e., a flat rate per band and a rate per mile.

7. Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Company switch supervisory signaling and BellSouth SWA Service Arrangements. For BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service and BellSouth SWA 900 service, the premises interface codes are the same as those set forth in BellSouth SWA FGC, BellSouth SWA FGD and BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3. Additionally, premises interface codes for the unbundled access services (BellSouth SWA LSBSA and BellSouth SWA TSBSA) match that of the BellSouth SWA FGs as listed following.

BellSouth SWA FG	BellSouth SWA Basic Serving Arrangements
FGA	BellSouth SWA LSBSA
FGB	BellSouth SWA TSBSA 1
FGC	BellSouth SWA TSBSA 2
FGD	BellSouth SWA TSBSA 3

a. Interface Group 1

Company Switch Supervisory Signaling	Premises Interface Code	BellSouth SWA FG			
		FGA	FGB	FGC	FGD
LO	2LS2	X			
LO	2LS3	X			
GO	2GS2	X			
GO	2GS3	X			
LO, GO	2DX3	X			
LO, GO	4EA3-E	X			

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

7. Available Premises Interface Codes (Cont'd)

(T)

a. Interface Group 1 (Cont'd)

Company Switch Supervisory Signaling	Premises Interface Code	BellSouth SWA FG		FGC	FGD
		FGA	FGB		
LO	2LS3	X			
LO	2LS3	X			
GO	2GS2	X			
GO	2GS3	X			
LO, GO	2DX3	X			
LO, GO	4EA3-M	X			
LO, GO	6EB3-E	X			
LO, GO	6EB3-M	X			
RV, EA, EB, EC	2DX3		X	X	X
RV, EA, EB, EC	4EA3-E		X	X	X
RV, EA, EB, EC	4EA3-M		X	X	X
RV, EA, EB, EC	6EB3-E		X	X	X
RV, EA, EB, EC	6EB3-M		X	X	X
EA, EB, EC	6EC3			X	X
RV	2RV3-O		X	X	X
RV	2RV3-T		X	X	X
CCS	2N02				X

b. Interface Group 2

LO, GO	4SF2	X
LO, GO	4SF3	X
LO	4LS2	X
LO	4LS3	X
LO	6LS2	X
GO	4GS2	X
GO	4GS3	X
GO	6GS2	X
LO, GO	4DX2	X
LO, GO	4DX3	X
LO, GO	6EA2-E	X
LO, GO	6EA2-M	X
LO, GO	8EB2-E	X
LO, GO	8EB2-M	X
LO, GO	6EX2-B	X

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

7. Available Premises Interface Codes (Cont'd)

(T)

b. Interface Group 2 (Cont'd)

Company Switch Supervisory Signaling	Premises Interface Code	BellSouth SWA FG		FGC	FGD
		FGA	FGB		
RV, EA, EB, EC	4SF2		X	X	X
RV, EA, EB, EC	4SF3		X		
RV, EA, EB, EC	4DX2		X	X	X
RV, EA, EB, EC	4DX3		X		
RV, EA, EB, EC	6DX2			X	
RV, EA, EB, EC	6EA2-E		X	X	X
RV, EA, EB, EC	6EA2-M		X	X	X
RV, EA, EB, EC	8EB2-E		X	X	X
RV, EA, EB, EC	8EB2-M		X	X	X
EA, EB, EC	8EC2-M			X	X
RV	4RV2-O		X	X	X
RV	4RV2-T		X	X	X
RV	4RV3-O		X	X	
RV	4RV3-T		X	X	
CCS	4N02				X

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

7. Available Premises Interface Codes (Cont'd)

(T)

c. Interface Group 6

Company Switched Supervisory Signaling	Premises Interface Code	BellSouth SWA FG		FGC	FGD
		FGA	FGB		
LO, GO	4DS9-15	X			
LO, GO	4DS9-15L	X			
RV, EA, EB, EC	4DS9-15		X	X	X
RV, EA, EB, EC	4DS9-15L		X	X	X
CCS	4DS9-15				X
CCSAC+	4DS9-15				X

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

7. Available Premises Interface Codes (Cont'd)

(T)

	Company Switch Supervisory Signaling	Premises Interface Code	BellSouth SWA FG		FGC	FGD
			FGA	FGB		
d. Interface Group 9						
	LO, GO	4DS6-44	X			
	LO, GO	4DS6-44L	X			
	RV, EA, EB, EC	4DS6-44		X	X	X
	RV, EA, EB, EC	4DS6-44L		X	X	X
	CCS	4DS6-44				X

e. AccuPulse® service Access Capability Transmission

AccuPulse® service Access Capability transmission is provided only with BellSouth SWA FGD or BellSouth SWA TSBSA 3 using Interface Groups 6 and/or 9. Following is a matrix showing for Interface Groups 6 and 9 which premises interface codes are available as a function of the AccuPulse® service level of digital transmission.

Interface Groups	Level of Transmission	Premises Interface Code
6	DS1	4DS9-15
9	DS3	4DS6-44

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E6. SWITCHED ACCESS SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

7. Available Premises Interface Codes (Cont'd)

- f. The CCS7 optional feature *is available* with BellSouth SWA FGD. BellSouth SWA FGD trunks are provided using Interface Groups 1, 2, 6 or 9. Signaling connections are provided using Interface Groups 6, or 9. Following is a matrix for Interface Groups 6 and 9 showing which premises interface codes are available for signaling connections as a function of the BellSouth SWA CCSAC level of digital transmission. (C)

Interface Groups	Level of Transmission	Premises Interface Code
6	DS1	04DS9-15
9	DS3	04DS6-44

g. Dedicated Network Access Line Premises Interface Codes

The DNAL is provided only with the BellSouth SWA LSBSA BSEs - SMDI, BCLID, Make Busy/Night Transfer, and Queuing (subelements including Call Waiting and Music After Delay Announcement Only). The appropriate Company and premises interface codes are as follows:

Interface Group Arrangement	Associated BSE	Frequency Band	Company Interface Code	Premises Interface Code
DNAL	SMDI, BCLID	-	04DM-3	04DA2, 04DB2, 04DS9-15, 04DS9-31
	Make Busy/ Night Transfer	-	02DC8-4	02CC8-4, 04DS9-15-LS ^{1,2}

Note 1: This service requires the end user to provide a contact closure. In the normal or open state the end user will provide a resistance greater than 30,000 ohms between the tip and ring leads. In the closed state the end user will provide 600 ohms or less across tip and ring.

The Company will provide a negative voltage on the tip lead and ground on the ring lead. The voltage will be in the range of 42.5 to 52.5 VDC. The loop current will be 16 to 50 mA.

Note 2: When the DS interface is required, only the loop closure function is used. Voice frequency service specifications are not supported on any channel using CC or DC interfaces. Additional information may be found in TR-TSY-000335.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

7. Available Premises Interface Codes (Cont'd)

(T)

g. Dedicated Network Access Line Premises Interface Codes (Cont'd)

(T)

Interface Group Arrangement	Associated BSE	Frequency Band	Company Interface Code	Premises Interface Code
	Queuing-Call Waiting	-	02CC8	02DC8-4, 04DS9-15-L0 ^{1,2}
	Queuing-Music After Delay	200-3500Hz	02PG-3	02PG1-3, 02PG2-3, 4DS9-15E
	Announcement	100-5000Hz 50-8000Hz	02PG-5 02PG-8	02PG1-5, 02PG2-5, 4DS9-15F 02PG1-8, 02PG2-8, 4DS9-15G

8. Optional Features

(T)

Where transmission facilities permit, the Company will, at the option of the customer, provide the following optional features in association with BellSouth SWA Transport. The optional features are provided as set forth in E6.8.1.H. following.

a. Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

- For Interface Groups 1 and 2

DX Supervisory Signaling,
E&M Type I Supervisory Signaling,
E&M Type II Supervisory Signaling, or
E&M Type III Supervisory Signaling

Note 1: When the DS interface is required, only the loop closure function is used. Voice frequency service specifications are not supported on any channel using CC or DC interfaces. Additional information may be found in TR-TSY-000335.

Note 2: With the DC interface the end user provides a voltage source. A negative voltage will be provided on the tip with ground provided on the ring. The open circuit tip-to-ring voltage shall not be more negative than 52.5 VDC. The voltage source shall be able to provide at least 16 mA to an external resistance of 2000 ohms.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

8. Optional Features (Cont'd)

a. Supervisory Signaling (Cont'd)

- For Interface Group 2

SF Supervisory Signaling or
Tandem Supervisory Signaling

- For Interface Groups 6 and 9

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Company central offices. Generally such signaling is available only where the entry switch provides an analog (i.e., non-digital) interface to the BellSouth SWA Transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

These optional supervisory signaling arrangements are not available in combination with the BellSouth SWA CCSAC option, as specified in e., following.

b. Customer Specified Entry Switch Receive Level

This feature allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference TR-NPL-000334. This feature is available with Interface Groups 2, 6 and/or 9 for BellSouth SWA FGA, BellSouth SWA FGB, BellSouth SWA LSBSA and BellSouth SWA TSBSA 1.

c. Customer Specification of Switched Transport Termination

This option allows the customer to specify, for BellSouth SWA FGB and BellSouth SWA TSBSA 1 routed directly to an end office or access tandem, a four-wire termination of the BellSouth SWA Transport at the entry switch in lieu of a Company selected two-wire termination. This option is available only when the BellSouth SWA FGB and BellSouth SWA TSBSA 1 arrangement is provided with Type B Transmission Specifications.

d. AccuPulse^{*} service Access Capability

This option allows a customer to establish a connection between the customer's premises and a suitably equipped end user premises over facilities that are capable of transmitting 56 Kbps digital data. This option requires the use of Interface Groups 6 or 9. It is provided to suitably equipped electronic end offices or access tandems and is available only with BellSouth SWA FGD and BellSouth SWA TSBSA 3.

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E6. SWITCHED ACCESS SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

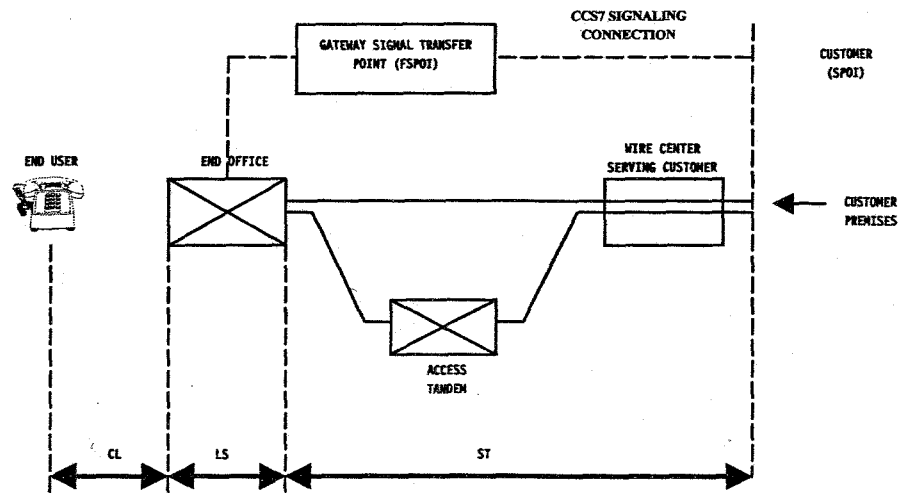
A. Switched Transport (Cont'd)

8. Optional Features (Cont'd)

e. Common Channel Signaling Access Capability (CCSAC)

This option allows the customer to receive signals for call set-up out of band. This option is available with BellSouth SWA FGD and BellSouth SWA TSBSA 3. (C)

This option requires the establishment of *CCS7 Signaling Connections and CCS7 Signaling Terminations* between the customer's signaling point of interface and the Company's-designated Signal Transfer Point (STP). *A minimum of one pair or one quad of CCS7 Signaling Connections and Terminations is required as further described in Section E6.1.3.C. following.* (C)



CL - Common Line
LS - Local Switching
ST - Switched Transport

f. Coin Sent-Paid Capability

Coin sent-paid capability allows the IC to receive signals for coin sent-paid traffic from line controlled pay stations. This option requires the use of Exchange Access Operator Services Signaling (EAOSS) and/or Modified Operator Services Signaling (MOSS). Coin sent-paid capability access is provided in designated Company end offices or via tandem access at the TOPS tandem switches and is available with Feature Group D and TSBSA Technical Option 3.

Technical specifications for MOSS are as set forth in the Bell Communications Research Technical Publication TR-TSY-000064. Technical specifications for EAOSS are as set forth in the Bell Communications Research Technical Publication TR-TSY-0000271.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Local Transport (Cont'd)

8. Optional Features (Cont'd)

g. 64 Clear Channel Capability (CCC)

Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits to meet pulse density requirements outlined in TR-NPL-000054 and TA-TSY-000342. This will allow a customer to transport an all-zero octet over a DS1/1.544 Mbps BellSouth SPA High Capacity channel and will provide an available combined maximum 1.536 Mbps data rate. This arrangement requires the customer signal at the channel interface to conform to Bipolar with eight (8) Zero Substitution (B8ZS) line code as described in Technical Reference TR-NPL-000054 and TR-INS-000342.

This optional feature may be ordered at the same time the DS1/1.544 Mbps BellSouth SPA High Capacity is ordered, or it may be ordered as an additional feature of an existing DS1/1.544 Mbps BellSouth SPA High Capacity Service.

When providing CCC via a DS3/44.736 Mbps BellSouth SPA High Capacity channel, that DS3 channel must be designated, in BellSouth records, as having Clear Channel Capability prior to the provisioning of a DS1/1.544 Mbps BellSouth SPA High Capacity channel with CCC. Customers must agree to out-of-service periods required to add this feature to: (1) an existing DS1/1.544 Mbps BellSouth SPA High Capacity channel or (2) a DS3/44.736 Mbps BellSouth SPA High Capacity channel which transports a DS1/1.544 Mbps BellSouth SPA High Capacity channel to be optioned for B8ZS.

h. TCAP Message Transmission

This option provides for the transmission of information corresponding to TIA Interim Standard 41 (Sub-systems 005-010) over a customer's CCS7 Signaling Connection. TCAP Messages will be routed according to originating and destination point codes provided by the customer.

This option requires the utilization of CCS7 Signaling Connections and CCS7 Signaling Terminations between the customer's signaling point of interface and each of the Company's Local Signaling Transfer Points (STPs) within the LATA.

This option is available where facilities and switching capability are available.

i. BellSouth SPA High Capacity and BellSouth SWA DS0 Transport Services

BellSouth SPA High Capacity services consist of BellSouth SWA DS1 and BellSouth SWA DS3 Local Channels and BellSouth SWA DS0, BellSouth SWA DS1 and BellSouth SWA DS3 Interoffice Channels. BellSouth SWA DS1 and BellSouth SWA DS3 Local Channels consists of a basic channel between the customer's premises and the customer's serving wire center.

For BellSouth SWA Dedicated Transport, the BellSouth SWA DS0 (Digital Voice Grade) and BellSouth SWA DS1 and BellSouth SWA DS3 Interoffice Channels are provided between the customer serving wire center to any of the following customer designated points: (1) the Company end office, (2) the Access Tandem, (3) Company Facility Hub (Hub), or between (4) a Hub to Company end office, or (5) a Hub to an Access Tandem and, (6) a Hub to a Hub. Channel type and service descriptions are provided in Section E7., following.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Local Transport (Cont'd)

8. Optional Features (Cont'd)

i. BellSouth SPA Switched High Capacity and BellSouth SWA DS0 Transport Services (Cont'd)

(1) BellSouth SWA DS0 Service

BellSouth SWA DS0 service (Digital Voice Grade) is a channel for duplex four-wire transmission at the rate of 56.0 and 64.0 Kbps. BellSouth SWA DS0 service is provided as a BellSouth SWA Dedicated Interoffice Channel between the foregoing customer's designated points.

(2) BellSouth SWA DS1 Service

BellSouth SWA DS1 service is a high capacity channel service provided between the customer premises and the customer's serving wire center as a Switched Local Channel to be associated with Interface Group 6. BellSouth SWA DS1 service can also be provided as a Switched Dedicated Interoffice Channel between the foregoing customer's designated points.

(3) BellSouth SWA DS3 Service

BellSouth SWA DS3 service is a high capacity channel service provided between the customer premises and the customer's serving wire center as a Switched Local Channel to be associated with Interface Group 9. BellSouth SWA DS3 service can also be provided as a BellSouth SWA Dedicated Interoffice Channel between the foregoing customer's designated points.

Single DS3 Switched Local Channels are available for customer premises to customer serving wire center application. Channelization Equipment is required for DS3 level services whenever a customer orders lower capacity Switched Interoffice Channels or terminates in Company serving wire centers, Company facility Hubs end office switch(es) or Access Tandems. Company Facility Hubs offer digital channelization in accordance with E6.7.21 and E7.4.7 following. For technical specifications, see Section E7. following.

Rates specific to BellSouth SPA High Capacity and BellSouth SWA DS0 Transport Services are shown in E6.8.1 following.

(4) Channelization Equipment

Channelization Equipment (CE) provides for the multiplexing equipment necessary to channelize digital facilities to individual services requiring a lower capacity or bandwidth. Channelization equipment is required when: (1) Any facility carrying a combination of trunk side and line side services terminating to an end office switch; and (2) Any termination of a DS3 facility, and (3) when any facility carrying a combination of switched and special access circuits terminates to an end office switch. Two levels of multiplexing are available: (1) DS3 to DS1; and (2) DS1 to DS0 or Analog. The NECA No. 4 identifies Company Offices (Facility Hubs) where multiplexing functions are available.

The CE rate category for DS1 level service consists of two rate elements: (1) Basic Channelization System; and (2) Central Office Channel Interface(s). The CE rate category for DS3 level service consists of two rate elements: (1) Switched DS3 Channelization System; and (2) the Central Office Channel Interface.

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BELLSOUTH
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ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Seventh Revised Page 11.3
Cancels Sixth Revised Page 11.3
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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. Switched Local Transport (Cont'd)

8. Optional Features (Cont'd)

i. BellSouth SPA High Capacity and BellSouth SWA DS0 Transport Services (Cont'd)

(4) Channelization Equipment (Cont'd)

DS3 to DS1 - An arrangement that channelizes 44.736 Mbps channel to 28 DS1 channels.

DS1 Basic Channelization System - An arrangement that channelizes a 1.544 Mbps channel to a maximum of twenty-four (24) 64 Kbps channels. A DS1 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity.

A DS1 that is directly terminated into a digital switch is restricted to trunk side switched traffic and cannot be used for line side connections or BellSouth SPA Circuits.

A DS1 that is directly terminated into an analog switch is restricted to trunk side switched traffic and cannot be used for line side connections or BellSouth SPA Circuits.

The Central Office Channel Interface (COCI) rate element is necessary to activate the Sub DS1 Service capable of carrying BellSouth SWA traffic. The COCI is required in addition to the Basic Channelization System.

Rates applicable to the Channelization Systems and the applicable Central Office Channel Interfaces are provided in E6.8.1 following.

j. Channelization for Common Transport Interoffice Channels

(1) DS3 to DS1 Multiplexer

This rate element is for use of DS3 to DS1 multiplexer equipment within the Company common transport network and is required for customers utilizing BellSouth SWA Common Transport. The rate element applies for each BellSouth SWA Common Transport minute of use between the access tandem and the end office, as well as for each minute of use between a host and remote end office, and each terminating minute of use between a host and remote end office, and each terminating minute of use between a BellSouth SWA FGA or BellSouth SWA LSBSA dial tone office and the end office. The rate for this element is found in E6.8.1(C)(3)(a) following.

(2) DS1 to VG Multiplexer

This rate element is for DS1 to VG multiplexer equipment within the Company common transport network on the end office side of analog access tandem switches. This element is required for customers utilizing BellSouth SWA Common Transport with an analog tandem switch. The rate for this element is found in E6.8.1(C)(3)(b) following.

(3) (DELETED)

(D)

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ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

- A. Switched Local Transport (Cont'd)
- 8. Optional Features (Cont'd)
- k. Tandem Signaling

This option provides for the automatic transmission of signaling indicators which identify the interexchange carrier and trunk group to which the call is to be directed. This option, available with BellSouth SWA FGD, is provided on originating direct trunk groups.

Direct trunk groups equipped with tandem signaling can be arranged to overflow to other direct trunk groups equipped with tandem signaling. Direct trunk groups equipped with tandem signaling can not be arranged to overflow to the Company's common trunk groups.

Depending on the signaling facilities available, this option will be provisioned via MF or CCS7 signaling. The CCS7 alternative requires the establishment of: 1) BellSouth SWA CCSAC as described in E6.1.3.A.7.f. preceding and 2) CCS7 Signaling Connections and CCS7 Signaling Terminations between the customer's signaling point of interface and each of the Telephone Company's STPs, *as further described in E6.1.3.C. following.*

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

9. BellSouth Dedicated Ring

- a. The BellSouth Dedicated Ring configuration utilizes a multi-nodal ring architecture which is specified jointly by the Company and the customer. The minimum configuration provides dedicated DS3 and/or DS1 digital services and must include at least three nodes. The three nodes may all be Central Office Nodes in Company Central Offices, or the three nodes may be a Central Office Node in Company Central Office, a Customer Node at a customer's designated location and the third node may be either a Central Office Node or a node at a another customer designated location. Additional nodes for either arrangement may be any combination thereof. The maximum number of nodes will be determined based on equipment capability. The nodes are connected by BellSouth Dedicated Ring Local Channels, Alternate Central Office Channels, Interoffice Channels and Internodal Channels as applicable. BellSouth Dedicated Ring may be connected to other BellSouth SWA services only at Central Office Nodes. When BellSouth Dedicated Ring works with OC-12 SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring) installed on or after June 3, 1994, and with OC-48 and OC-48+ SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring), the customer may request an OC-1 and/or OC-3 Overlay Ring Arrangement riding the customer's host OC-12, OC-48, or OC-48+ SMARTRing[®] service (a.k.a. BellSouth Dedicated Ring). With OC-48 BellSouth Dedicated Ring, the customer may request an OC3+ and/or OC-12 Overlay Ring Arrangement riding the customer's host OC-48 BellSouth Dedicated Ring. (N)
- b. Applicable rate elements for this service are: (N)
- (1) Local Channel (at least one for each Customer Node which is directly connected to the serving wire center) (N)
The Local Channel rate category provides for the communications path between a Customer Node and the serving wire center of the premises where located. Charges for Local Channels apply as described in paragraph E6.1.3.A preceding. It is available with all capacities of BellSouth Dedicated Ring except OC-1. (N)
 - (2) Alternate Central Office Channel (at least one for each Customer Node which is directly connected to an Alternate Central Office) (N)
The Alternate Central Office Channel provides for the communications path between a customer node and an alternate central office. It is available with all capacities of BellSouth Dedicated Ring except OC-1. (N)
 - (3) Interoffice Channel (one for each path between each two directly connected Company Central Offices) (N)
The Interoffice Channel provides for the communications path between directly connected Company central offices located on a BellSouth Dedicated Ring. It is available with all capacities of BellSouth Dedicated Ring except OC-1. This rate element does not apply where Central Office Nodes are adjacently connected in the same Central Office on the same Dedicated Ring for the purpose of providing additional node capacity. (N)
 - (4) Internodal Channel (one for each path between two directly connected customer nodes) (N)
The Internodal Channel provides for the communications path between two directly connected Customer Nodes of a given BellSouth Dedicated Ring located (a) in the same Serving Wire Center area or (b) in the same Office Park/Campus Environment or contiguous property, located in contiguous Serving Wire Center areas. It is available with all capacities of BellSouth Dedicated Ring except OC-1. This rate element does not apply where Customer Nodes are adjacently connected in the same building on the same Dedicated Ring for the purpose of providing additional node capacity. (N)
 - (5) Customer Node (at least one for configurations other than three Central Office Node arrangement) (N)
Customer Nodes provide ring switching capabilities at customer designated locations other than Company Premises that are part of BellSouth Dedicated Ring. This rate element offers OC-3, OC-3+, OC-12, OC-48, or OC-48+ network capacities. A summary of the channel interfaces available with each node are specified in E6.2.11.A following. (N)

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

- A. BellSouth SWA Transport (Cont'd) (N)
9. BellSouth Dedicated Ring (Cont'd) (N)
- b. Applicable rate elements for this service are: (Cont'd) (N)
- (6) Customer Channel Interface (one for each originating/terminating activated DS1, DS3, STS-1, OC-3, and/or OC-12 for each Customer Node) (N)
- A Customer Channel Interface provides DS1, DS3, STS-1 electrical channelization and/or OC-3 and/or OC-12 optical channelization that may take place at each Customer Node of BellSouth Dedicated Ring. The Customer Channel Interface rate element applies for every interface capacity that originates or terminates at a Customer Node. A summary of the channel interfaces available with each node are specified in E6.2.11.A following. (N)
- (7) Central Office Node (at least one for configurations other than three Central Office Node arrangement) (N)
- Central Office Nodes provide ring switching capabilities at Company Central Offices that are a part of BellSouth Dedicated Ring. This rate element offers OC-3, OC-3+, OC-12, OC-48, and OC-48+ network capacities. A summary of the channel interfaces available with each node are specified in E6.2.11.A following. (N)
- (8) Central Office Channel Interface (one for each originating/terminating activated DS1, DS3, STS-1, OC-3 and/or OC-12 for each Central Office Node or one for each 28 DS1 Channel System and associated DS1 Channel Interfaces for each activated DS3) (N)
- A Central Office Channel Interface provides DS1, DS3, STS-1 electrical channelization and/or OC-3 and/or OC-12 optical channelization that may take place at each Central Office Node located on a BellSouth SPA Dedicated Ring. The Central Office Channel Interface rate element applies for every interface capacity that originates or terminates at a Central Office Node. A summary of the channel interfaces available with each node are specified in E6.2.11.A following. (N)
- (9) Channel Interface Capacity Reallocation (one per node per occurrence) (N)
- Channel Interface Capacity Reallocation allows the customer to reallocate STS-1, DS3 and/or DS1 capacity interfaces at each node subsequent to the initial service installation. (N)

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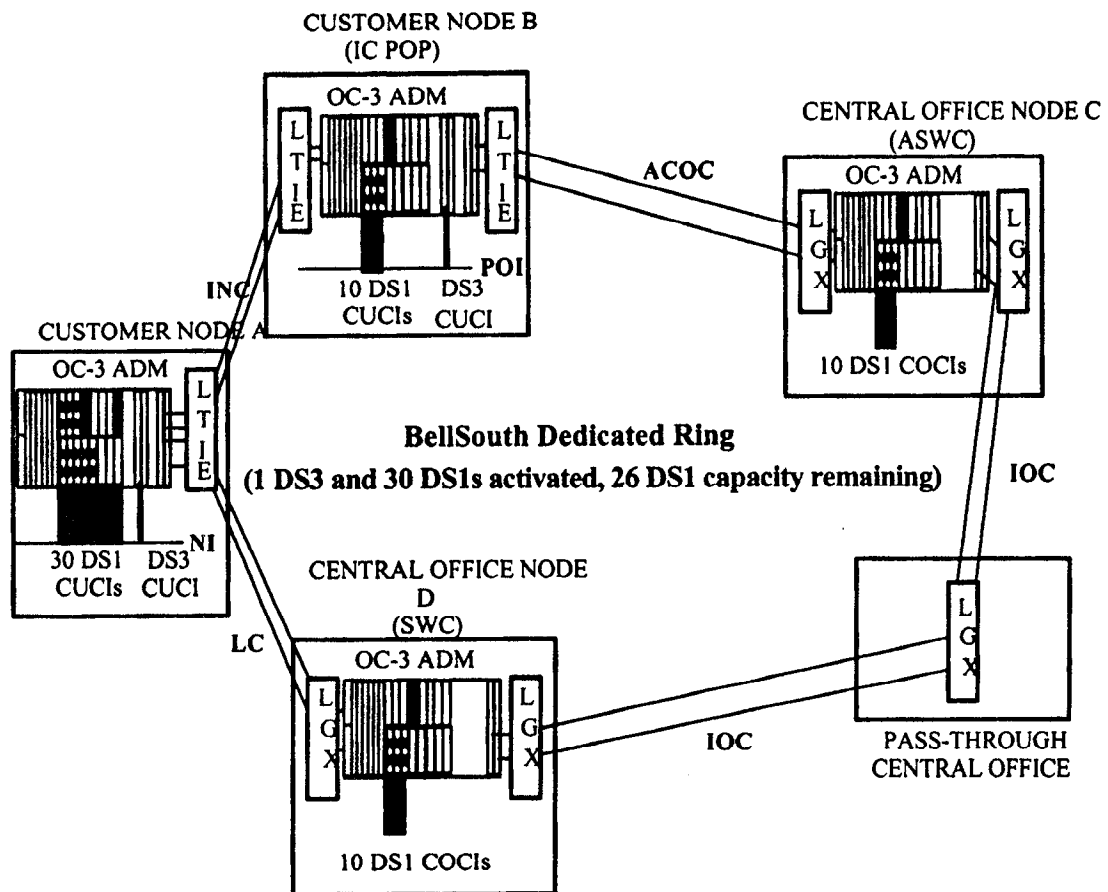
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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

- A. BellSouth SWA Transport (Cont'd)
- 9. BellSouth Dedicated Ring (Cont'd)



Example: BellSouth Dedicated Ring OC-3 capacity

For this example the following rate elements are applicable:

- 2 Customer Nodes
- 2 Central Office Nodes
- 1 Local Channel
- 1 Internodal Channel
- 1 Alternate Central Office Channel
- 2 Interoffice Channels
- 2 DS3 Customer Channel Interfaces
- 40 DS1 Customer Channel Interfaces
- 20 DS1 Central Office Channel Interface

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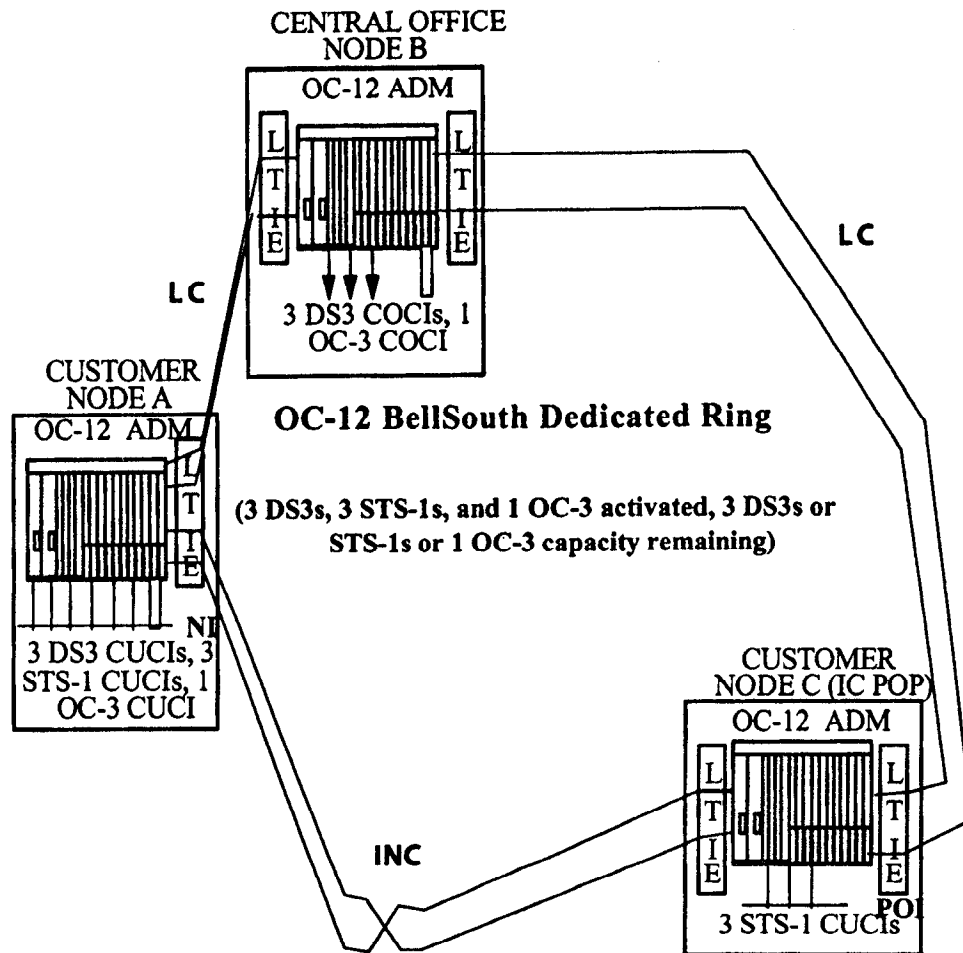
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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

- A. BellSouth SWA Transport (Cont'd)
- 9. BellSouth Dedicated Ring (Cont'd)



Example: BellSouth Dedicated Ring OC-12 capacity

For this example the following rate elements are applicable:

- 2 Customer Nodes
- 1 Central Office Node
- 2 Local Channels
- 1 Internodal Channel
- 3 DS3 Customer Channel Interfaces
- 3 DS3 Central Office Channel Interfaces
- 6 STS-1 Customer Channel Interfaces
- 1 OC-3 Customer Channel Interface
- 1 OC-3 Central Office Channel Interface

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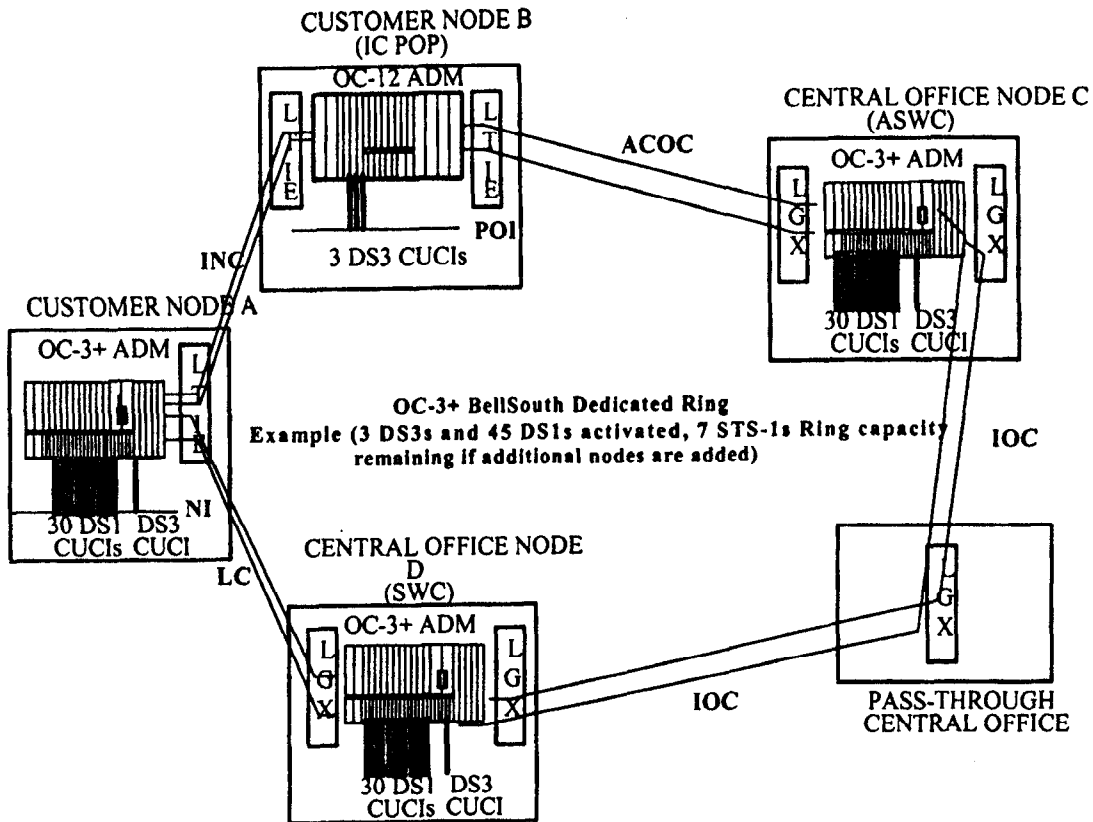
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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

- A. BellSouth SWA Transport (Cont'd)
9. BellSouth Dedicated Ring (Cont'd)



Example: BellSouth Dedicated Ring OC-3+ capacity.

For this example the following rate elements are applicable:

- 2 Customer Nodes
- 2 Central Office Nodes
- 1 Local Channel
- 1 Internodal Channel
- 1 Alternate Central Office Channel
- 2 Interoffice Channels
- 4 DS3 Customer Channel Interfaces
- 2 DS3 Central Office Channel Interfaces
- 30 DS1 Customer Channel Interfaces
- 60 DS1 Central Office Channel Interfaces

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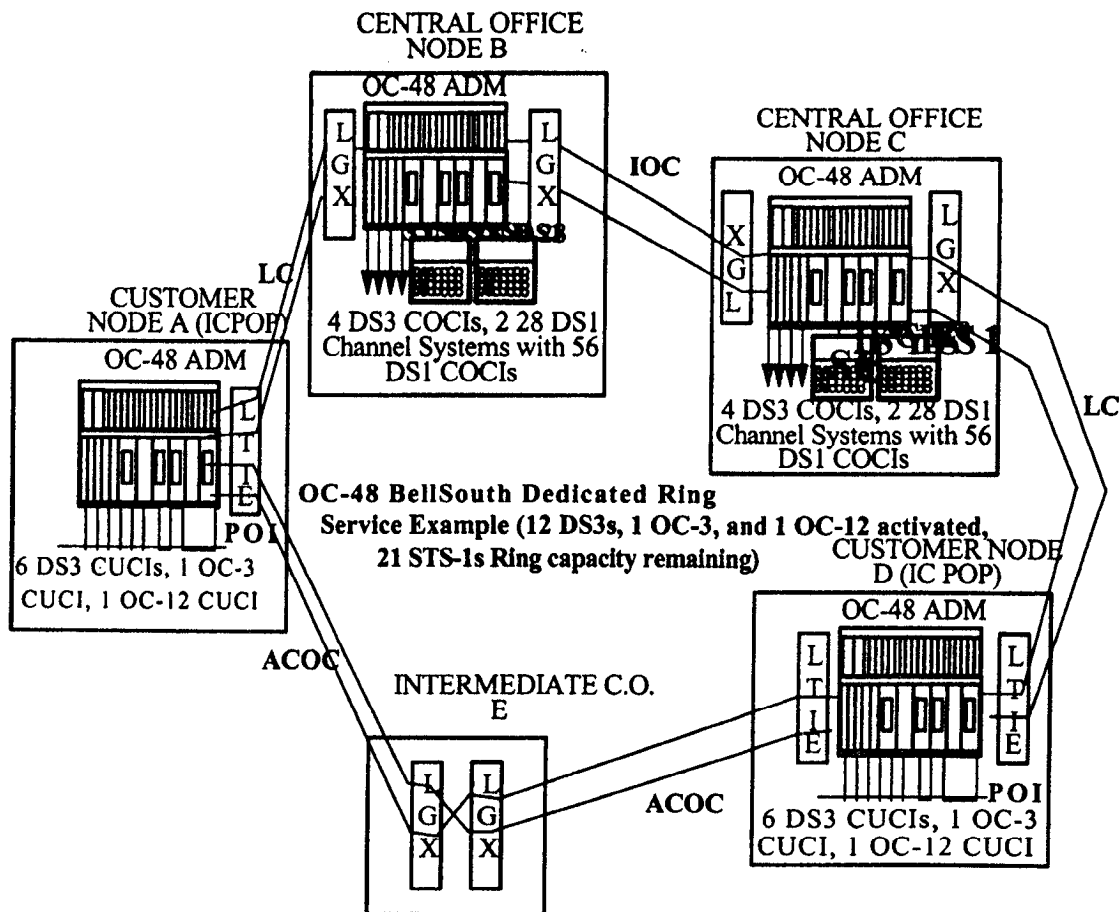
E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

9. BellSouth Dedicated Ring (Cont'd)



Example: BellSouth Dedicated Ring OC-48 capacity.

For this example the following rate elements are applicable:

- 2 Customer Nodes
- 2 Central Office Nodes
- 2 Local Channels
- 2 Alternate Central Office Channels
- 1 Interoffice Channel
- 12 DS3 Customer Channel Interfaces
- 8 DS3 Central Office Channel Interfaces
- 4 28 DS1 Channel Systems (DS3)
- 112 DS1 Central Office Channel Interfaces
- 2 OC-3 Customer Channel Interfaces
- 2 OC-12 Customer Channel Interfaces

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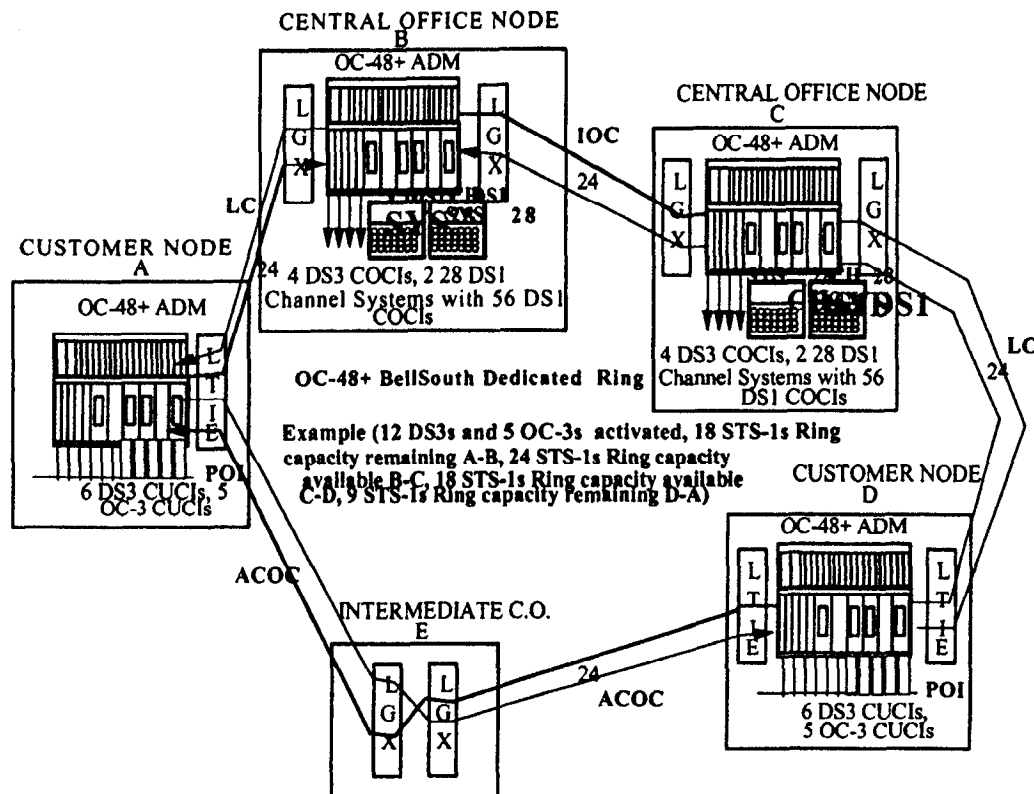
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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

- A. BellSouth SWA Transport (Cont'd)
9. BellSouth Dedicated Ring (Cont'd)



Example: BellSouth Dedicated Ring OC-48+ capacity

For this example the following rate elements are applicable:

- 2 Customer Nodes
- 2 Central Office Nodes
- 2 Local Channels
- 2 Alternate Central Office Channels
- 1 Interoffice Channel
- 12 DS3 Customer Channel Interfaces
- 8 DS3 Central Office Channel Interfaces
- 4 28 DS1 Channel Systems (DS3)
- 112 DS1 Central Office Channel Interfaces
- 10 OC-3 Customer Channel Interfaces

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BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY
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ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

10. Channels for use with BellSouth Managed Shared Ring

- a. BellSouth Managed Shared Ring provides a flat rate transport link between a customer designated premises where the network is accessed and a serving wire center in the same BellSouth SWA BellSouth Managed Shared Ring area. The service component is either an Off-Net component for BellSouth SWA DS1 or an Off-Net component for BellSouth SWA DS3 service.
- b. An Off-Net BellSouth SWA DS1 or an Off-Net BellSouth SWA DS3 is one that is aggregated into BellSouth Managed Shared Ring service at a serving wire center in the BellSouth Managed Shared Ring area.

11. Virtual Collocation Cross-Connects

- a. Virtual Collocation Cross-Connects provide a means for customers to interconnect their virtual collocation arrangements to their BellSouth SWA DS1 and BellSouth SWA DS3 Local Channels, Interoffice Channels and Channelization equipment within the same central office. Virtual Collocation Cross-Connect rates and charges for these features are provide in E6.8.1 following.

12. Channels for use with BellSouth SWA Managed Shared Network Service

- a. BellSouth SWA Managed Shared Network Service is a service under which the customer assigns to the Telephone Company the responsibility for facility design and engineering and routing of BellSouth SWA DS1 and DS0-level dedicated transport for switched access services from serving wire centers in a LATA to the customer's Aggregation Location(s) in the same LATA. (N)
- b. Applicable rate elements for this service are: (N)
 - The BellSouth SWA Managed Shared Network Service local channel charges apply for the DS3 local channels utilized to deliver BellSouth SWA Managed Shared Network Service traffic to the customer, either at an Aggregation Location or at an associated Alternate Aggregation Location. The specific BellSouth SWA Managed Shared Network Service DS3 local channel charge which applies is dependent upon the total quantity of DS3 local channels utilized to carry BellSouth SWA Managed Shared Network Service traffic and BellSouth SPA Managed Shared Network Service traffic, which is associated with a given Aggregation Location, on a per Aggregation Location basis. (N)
 - BellSouth SWA Managed Shared Network Service DS1 or DS0 interface and interoffice charges apply based upon the level of the service (i.e., DS1 or DS0) collected at an Origination Location. The DS1 Interface may be either a DS1 Interface associated with nonchannelized DS1 service or it may be a DS1 Message Trunk Interface when the DS1 is used to provide message trunk terminations. The DS0 Interface may be either for a DS0 line side connection or for a DS0 trunk side connection. Interface charges apply at the Aggregation Location's serving wire center. Mileage for BellSouth SWA Managed Shared Network Service interoffice channels is measured from the Origination Location to the serving wire center of the traffic's associated Aggregation Location. For BellSouth SWA Managed Shared Network Service interoffice channels, which terminate in different zones, the highest zone rate will apply (i.e., Zone 1 is the lowest and Zone 3 is the highest). (N)

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

B. Local Switching

This rate category provides for (1) local end office switching (i.e., the common switching functions associated with the various BellSouth SWA service arrangements), (2) the termination of local transport at end offices, and (3) the termination of WATS Access Lines (a.k.a. BellSouth SPA WATS Lines) at end offices. This category includes usage sensitive rates and both chargeable and nonchargeable optional features and BSEs. (T) (M)

This rate category provides for (1) local end office switching (i.e., the common switching functions associated with the various BellSouth SWA service arrangements), (2) the termination of Switched transport at end offices, and (3) the termination of WATS Access Lines (a.k.a. BellSouth SPA WATS Lines) at end offices. This category includes usage sensitive rates and both chargeable and nonchargeable optional features and BSEs. (M)

1. Usage Sensitive Rates

The usage sensitive rates are applied on a per minute of use basis and are divided into four categories: (M)

- a. LS1 provides local switching functions for BellSouth SWA FGA and BellSouth SWA FGB. (M)
- b. LS2 provides local switching functions for BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, and BellSouth SWA 900 service traffic originating from or terminating to an equal access end office, BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, BellSouth SWA 900 service and BellSouth SWA FGB traffic originating from and BellSouth SWA FGD traffic terminating to end offices not equipped with equal access capabilities when the customer elects to combine such traffic with its access tandem routed BellSouth SWA FGD traffic.1. (M)
- c. LS3 provides local switching functions for BellSouth SWA LSBSA and BellSouth SWA TSBSA 1.
- d. LS4 provides local switching functions for BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3, BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, and BellSouth SWA 900 service traffic originating from or terminating to an equal access end office, BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, BellSouth SWA 900 service, and BellSouth SWA TSBSA 1 traffic originating from and BellSouth SWA TSBSA 3 traffic terminating to end offices not equipped with equal access capabilities when the customer elects to combine such traffic with its access tandem routed BellSouth SWA TSBSA 3 traffic.

The application of these rates is as set forth in E6.8.3 following.

- e. The Common Trunk Port service provides for termination of BellSouth SWA Common Transport trunk facilities at end office switches. The charge applies per MOU per trunk termination at end offices including host and remote end office switches. The charge also applies at the BellSouth SWA FGA and BellSouth SWA LSBSA dial tone offices and terminating offices in those cases where terminating BellSouth SWA FGA and BellSouth SWA LSBSA traffic terminates at an office other than the BellSouth SWA FGA or BellSouth SWA LSBSA dial tone office. Rates are set forth in 6.8.3 following.
2. Dedicated End Office Trunk Port Service
The Dedicated End Office Trunk Port Service provides for termination of dedicated transport trunk facilities at the end office switch. This service is required with dedicated transport to an end office and is available on a dedicated DS0/VG trunk port basis and on a dedicated DS1 trunk port basis. These elements apply per each dedicated DS0/VG and each DS1 transport facility terminated at an end office. Rates are set forth in 6.8.3 following.
3. Optional Features
Various common switching, BellSouth SWA Transport termination and BellSouth SWA WATS Service optional features are available and are described in E6.3 following.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

B. Local Switching (Cont'd)

4. Line Termination

- a. The BellSouth SWA WATS Service terminations are differentiated by line side vs. trunk side terminations. The standard BellSouth SWA WATS Service Arrangement is available with a line side termination. There are various types of originating and terminating line side terminations depending on the type of signaling associated with the BellSouth SWA WATS Service (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.
- b. In addition, there are also various types of originating and terminating BellSouth SWA WATS Service trunk side terminations that are available in lieu of standard line side terminations. Trunk side terminations are provided only in association with certain Line Termination optional features as specified following:

The Company will, at the option of the customer, provide the following optional feature in association with BellSouth SWA WATS Service.

E & M Supervisory Signaling

The E & M Supervisory Signaling optional feature, which is available with four-wire originating and terminating BellSouth SWA WATS Service, provides for E & M Type 1, Type 2 or Type 3 Supervisory Signaling in lieu of loop start or ground start Supervisory Signaling.

5. Basic Service Elements - Various Common Switching BSE's are available as described in E6.3.3 and E6.3.5 following.

C. BellSouth CCS7 Access Arrangement

1. Service Description

BellSouth CCS7 Access Arrangement allows for customer interconnection to the Company at designated Signal Transfer Points (STP) for use with services that require receiving and terminating signaling information using the common channel signaling protocol. CCS7 Access is provided for use with the BellSouth SWA CCSAC option, and described in A.9.e. preceding. For each connection, the customer must order a CCS7 Access Connection and CCS7 Access Termination. The CCS7 Access Arrangement is provided as follows.

- a. The CCS7 Signaling Connection provides a 2-way digital 56 kbps facility, dedicated to a single customer, which originates at the customer's signaling point of interconnection in a LATA and terminates at a Company Signal Transfer Point (STP) selected by the Company.
- b. The CCS7 Signaling termination provides a dedicated point of interface at a Company STP for customer's CCS7 Signaling Connection.

The customer is responsible for reporting to the Company the Percent Interstate Usage (PIU) for BellSouth CCS7 Access Arrangement as set forth in E2.3.14 of this Tariff.

A customer will be able to obtain access from each of its Signaling Points Of Interconnection (SPOIs) to the Company CCS7 network in one or more LATAs designated by the customer. This arrangement is available for use with Company Feature Group D, TSBSA 1 switched access service and queries to Company databases pursuant to this tariff.

For ordering proposed, CCS7 Signaling Connections and Terminations are ordered from the customer's SPOI to one or more Facility Signaling Point Of Interconnection (FSPOIs) locations in the LATA. The customer must order a minimum of two CCS7 Signaling Connections and two CCS7 Signaling Terminations, if the customer's SPOI connects to a customer Service Switching Point and a minimum of four CCS7 Signaling Connections and four CCS7 Signaling Terminations, if the customer's SPOI connects to a customer STP. FSPOI locations are set forth in the NECA Tariff FCC No. 4.

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ISSUED: May 16, 2001
BY: E.C. Roberts, Jr., President - KY
Louisville, Kentucky

EFFECTIVE: June 15, 2001

E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

C. BellSouth CCS7 Access Arrangement (Cont'd)

2. BellSouth CCS7 Access Arrangement Usage

BellSouth CCS7 Access Arrangement Usage provides for the use of the Company's CCS7 Access Arrangement network for the transmission of call set-up and non-call set-up traffic. The two types of usage available are as follows:

- a. Integrated Switched Digital Network User Part (ISUP) signaling messages, which are used to provide the signaling set-up, supervise and release calls. ISUP usage charges will be assessed per signaling messages delivered to or from the customer, regardless of direction, through its dedicated CCS7 port connection. Specific types of ISUP messages are:

ACM - Address Complete Message

ANM - Answer Message

CPG - Call Progress

FOT - Forward Transfer Message

IAM - Initial Address Message

PAM - Pass Along Message

REL - Release

RES - Resume

RLC - Release Complete Message

SUS - Suspend

- b. Transaction Capabilities Application Part (TCAP) signaling messages are used to provide information to route calls to the appropriate service provider not related to a voice call. TCAP usage charges will be assessed per signaling message delivered to the customer, regardless of direction, for each Toll Free Access Service, 500 Access Service, TCAP Message Transmission, Line Information Database (LIDB) service, Enhanced Originating Line Screening (EOLS) service and LNP Query. Specific types of TCAP Messages are:

ABT - Abort

CON - Conversion Without Permission Message

CWP - Conversion With Permission Message

QUE - Query Without Permission Message

QWP - Query With Permission Message

RSP - Response Message

UNI - Unidirectional

D. 800 Database

The 800 Database rate category includes the use of transmission facilities and functions between a Service Switching Point (SSP) equipped end office or access tandem and a Service Control Point (SCP) by the Company to provide for BellSouth SWA 8XX Toll Free Dialing Access Ten Digit Screening Service. Rate elements and rates associated with this category are provided in E6.8.4, *of this Tariff*.

E. BellSouth SWA 500 Service

The BellSouth SWA 500 service rate category includes the use of switch based translations and the use of transmission facilities and functions between a Service Switching Point (SSP) equipped switch and a Service Control Point (SCP) by the Company to provide for BellSouth SWA 500 service. Rate elements and rates associated with this category are provided in E6.8.13 *of this Tariff*.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide BellSouth SWA service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable Only) are set forth in Section E11. following.

E6.1.5 Design Layout Report

At the request of the customer, the Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. Design Layout Reports will also be provided for BellSouth SWA WATS Service when specifically requested by the customer. The Design Layout Report will be provided to the customer at no charge and will be reissued or updated whenever these facilities are materially changed.

E6.1.6 Acceptance Testing

- A. When analog or a combination of analog and digital services are provided at voice grade frequency, the Company will cooperatively test, at the customer's request, to the POT at no additional charge, the following parameters at the time of installation: Loss, C-Notched noise, C-Message noise, Three-Tone Slope, Continuity, and Operational Signaling. When the BellSouth SWA Transport is provided with Interface Groups 2, 6 and 9, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in BellSouth SWA Transport), balance parameters (equal level echo path loss) may also be tested.
- B. When the service is provided totally via digital facilities (i.e., digital switch and digital transport), the Company will, at the customer's request, cooperatively test at the time of installation the following at no additional charge: operational signaling for each circuit provided and loss for one circuit per di-group provided.
- C. When BellSouth SWA FGD or BellSouth SWA TSBSA 3 with the BellSouth SWA CCSAC option is ordered, network compatibility and other operational tests will be performed cooperatively by the Company and the customer. These tests are as specified in the BellSouth Guidelines to Technical Publication TR-TSV-000905.
- D. For BellSouth SWA FGD and BellSouth SWA TSBSA 3 trunks equipped with the 64 Clear Channel Capability (64 CCC) option, tests will be performed to verify the integrity of the 64 Kbps service. 64 Kbps service testing, for customers with 108 test line capability, will be made to the customers' 108 test line. For customers without 108 test line capability, tests will be made to the demarcation point at the POP (Point of Presence). One trunk per DS1 facility will be tested.

E6.1.7 Ordering Options And Conditions

- A. The Access Order, as set forth in Section E5. preceding, is used in the provision of BellSouth SWA service. Also included in that section are other charges which may be associated with ordering BellSouth SWA service (e.g., Service Date Change Charges, Cancellation Charges, etc.). (T)
- B. For purposes of this Section, services requested on multiple Access Service Requests (ASRs) placed with the Company on a given day, for multiple lines to the same end office or multiple trunks on a common trunk group with the same premises interface code, will be treated as one request when the ASRs are related together by the customer (T)
- C. Terms and conditions for BellSouth Virtual Expanded Interconnection service are set forth in BellSouth Telecommunications, Inc. Tariff F.C.C No.1, Section 20, Virtual Collocation Cross-Connect rates and charges are provided in E6.8.1 following. (N)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements

BellSouth SWA service is provided in eight service categories including four different BellSouth SWA FG arrangements, two BellSouth SWA Basic Serving Arrangements, BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, and BellSouth SWA 900 service. The provision of each service category requires the applicable BellSouth SWA Transport component and the appropriate Local Switching functions. There are also various BellSouth SWA Transport and Local Switching optional features available with the feature groups and BellSouth SWA Basic Serving Arrangements. There are also various common switching BSEs available with the BellSouth SWA Basic Serving Arrangements. The BellSouth SWA Transport, Common Switching, and BellSouth SWA Transport Termination optional features as well as Common Switching BSEs are available at all Company end office switches, unless stated otherwise. In addition, BellSouth SWA WATS Service, as described in Section E7. following may be provided, at the option of the customer. BellSouth SWA FGC, BellSouth SWA FGD, and BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3. BellSouth SWA WATS Service optional features are available in end offices designated as WATS serving offices.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of *BellSouth SWA* services. The specifications provided are dependent on the Interface Group ordered. The parameters for the transmission specifications are set forth in E6.4.1 following.

BellSouth SWA FGs and *BellSouth SWA Basic Serving Arrangements* are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Company exchange service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Company exchange service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Company will work cooperatively with the customer to determine the directionality.

Following are detailed descriptions of each of the available *BellSouth SWA* service arrangements. Each service arrangement is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, the optional features available for use with it and the standard testing capabilities.

The Common Switching and *BellSouth SWA* Transport Termination optional features and BSEs, which are described in E6.3 following, unless specifically stated otherwise, are available at all Company end office switches.

E6.2.1 BellSouth SWA FGA

A. Description

1. *BellSouth SWA* FGA is provided in connection with Company electronic and electromechanical end offices. At the option of the customer, *BellSouth SWA* FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
2. *BellSouth SWA* FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
3. The Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Company facilities and measurement capabilities, are available to accommodate such a request. When measurement capability does not exist in an office in the LATA, the Company shall select the first point of switching and the assumed minutes of use as described in E6.7.8. following will apply.
4. A seven digit local telephone number assigned by the Company is provided for access to *BellSouth SWA* FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

5. *BellSouth SWA* FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction *BellSouth SWA* FGA switching may be arranged, at the option of the customer, for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When *BellSouth SWA* FGA switching is provided in a hunt group or uniform call distribution arrangement, all *BellSouth SWA* FGA switching will be arranged for the same type of address signaling.

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BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY
ISSUED: January 17, 1997
BY: E.C. Roberts, Jr., President - KY
Louisville, Kentucky

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.1 BellSouth SWA FGA (Cont'd)

A. Description (Cont'd)

6. No address signaling is provided by the Company when **BellSouth SWA** FGA switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Company and will be subject to the ordinary transmission capabilities of the **BellSouth SWA** Transport provided.

7. **BellSouth SWA** FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA of the dial tone office, local operator service (0- and 0+), **Directory Assistance** (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). Charges for **BellSouth SWA** FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for: (1) an operator surcharge, as set forth in the Company's General Subscriber Services Tariff, for local operator assistance (0- and 0+) calls; (2) calls from a **BellSouth SWA** FGA line to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer.

For calls to **Directory Assistance** (411), **BellSouth SWA** service terminating usage rates will not apply. Instead, **BellSouth SWA** FGA calls to this service are subject to the **BellSouth SWA Directory Assistance** Access service call rate set forth in E9.5 following.

8. When a **BellSouth SWA** FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

B. Optional Features

1. Common Switching Optional Features

- a. Hunt Group Arrangement
- b. Uniform Call Distribution Arrangement
- c. Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
- d. Call Denial
- e. Service Code Denial
- f. Enhanced Call Denial
- g. Call Screening

2. BellSouth SWA Transport Termination Optional Features

- a. Two-way operation with dial pulse address signaling and loop start supervisory signaling
- b. Two-way operation with dial pulse address signaling and ground start supervisory signaling
- c. Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling
- d. Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.1 BellSouth SWA FGA (Cont'd)

B. Optional Features (Cont'd)

2. Transport Termination Optional Features (Cont'd)

- e. Terminating operation with dial pulse address signaling and loop start supervisory signaling
- f. Terminating operation with dial pulse address signaling and ground start supervisory signaling
- g. Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
- h. Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
- i. Originating operation with loop start supervisory signaling
- j. Originating operation with ground start supervisory signaling

3. BellSouth SWA Transport Optional Features

- a. Supervisory Signaling (as set forth in E6.1.3.B.3.a. preceding)
- b. Customer Specified Entry Switch Receive Level

4. Certain other features which may be available in connection with BellSouth SWA FGA are provided under the Company's General Subscriber Services Tariffs. Examples are:

- a. Custom Calling Features
- b. Extensions in the same local exchange as the dial tone office

C. Transmission Specifications

BellSouth SWA FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with *BellSouth SWA FGA* to the first point of switching.

D. Testing Capabilities

BellSouth SWA FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing are available for *BellSouth SWA FGA* as set forth in E13.3.5 following.

E6.2.2 BellSouth SWA FGB

A. Description

- 1. *BellSouth SWA FGB*, when directly routed to an end office, is provided at appropriately equipped Company electronic end office switches. When provided via Company designated electronic access tandem switches, *BellSouth SWA FGB* switching is provided at Company electronic and electromechanical end office switches.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.2 BellSouth SWA FGB (Cont'd)

A. Description (Cont'd)

2. BellSouth SWA FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
3. BellSouth SWA FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for BellSouth SWA FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in E6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Company and will be subject to the ordinary transmission capabilities of the BellSouth SWA transport provided.
4. The access code for BellSouth SWA FGB switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers. These uniform access codes will be the assigned access numbers of all BellSouth SWA FGB service provided to the customer by the Company.
5. BellSouth SWA FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls from a BellSouth SWA FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-1XXX or 950-0XXX access codes, local operator assistance (0- and 0+ Access), Directory Assistance (411), service codes 611 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGB switching is used for Directory Assistance Service switching as set forth in 9. following. The combination of BellSouth SWA FGB service with BellSouth Directory Assistance Access Service is provided as set forth in Section E9. following. BellSouth SWA FGB may not be switched, in the terminating direction, to BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD, or BellSouth SWA TSBSA.
6. The Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where BellSouth SWA FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of BellSouth SWA FGB switching arrangement provided. Different types of BellSouth SWA FGB or other switching arrangements may be combined in a single trunk group at the option of the Company.
7. When all BellSouth SWA FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
8. For BellSouth SWA FGB service provided to a Mobile Telephone Switching Office (MTSO) directly interconnected to a Company Access tandem office, the customer will be billed for the Switched Local Channel and BellSouth SWA *Dedicated* Transport measured as set forth in E6.7.13 following, at premium rates only, including the Access Tandem Switching charge and the Interconnection charge. Carrier Common Line and Local Switching charges will not apply.
9. BellSouth SWA FGB is provided with BellSouth Directory Assistance Access Service via Company designated electronic access tandem switches appropriately equipped for Directory Assistance measurement. Completion of these calls is as set forth in 5. preceding. When BellSouth Directory Assistance Access Service is provided with BellSouth SWA FGB switching, calls routed to the access tandem will be completed to the Directory Assistance location. Calls completed to the Directory Assistance location are subject to the charges set forth in Section E9. following.

(C)

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.2 BellSouth SWA FGB (Cont'd)

B. Optional Features

1. Common Switching Optional Features
 - a. Automatic Number Identification (ANI)
 - b. Up to 7 Digit Outpulsing of Access Digits to customer.
 - c. Alternate Traffic Routing
2. Switched Termination Optional Features
 - a. Rotary Dial Station Signaling
3. **BellSouth SWA** Transport Optional Features
 - a. Customer Specification of **BellSouth SWA** Transport Termination
 - b. Supervisory Signaling (as set forth in E6.1.3 preceding)
 - c. Customer Specified Entry Switch Receive Level

C. Transmission Specifications

BellSouth SWA FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

D. Testing Capabilities

BellSouth SWA FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in E13.3.5 following.

E6.2.3 BellSouth SWA FGC

A. Description

1. **BellSouth SWA** FGC is provided at all Company end office switches on a direct trunk basis or via Company designated access tandem switches. **BellSouth SWA** FGC switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless **BellSouth SWA FGD** end office switching is provided in the same office. When **BellSouth SWA** FGD switching is available, **BellSouth SWA** FGC switching will not be provided.
2. **BellSouth SWA** FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.

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FOR THE PUBLIC SERVICE COMMISSION

E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.3 BellSouth SWA FGC (Cont'd)

A. Description (Cont'd)

3. BellSouth SWA FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse, revertive pulse or immediate dial pulse, whichever is available. Up to twelve digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Company equipment to the customer's premises where the BellSouth SWA service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the BellSouth SWA transport provided.
4. No access code is required for BellSouth SWA FGC Switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.
5. BellSouth SWA FGC switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Company, community information services of an information provider, and other customer's services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls from a BellSouth SWA FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-1XXX or 950-0XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411), service codes (611 and 911) and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) unless BellSouth SWA FGC switching is used for Directory Assistance switching as set forth in 8. following. The combination of BellSouth SWA FGC service with BellSouth Directory Assistance Access Service is provided as set forth in Section E9. following. BellSouth SWA FGC may not be switched, in the terminating direction, to BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD, or BellSouth SWA TSBSA.
6. The Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where BellSouth SWA FGC switching is provided. When required for technical limitations, a separate trunk group will be established for each type of BellSouth SWA FGC switching arrangement provided. Different types of BellSouth SWA FGC or other switching arrangements may be combined in a single trunk group at the option of the Company.
7. BellSouth SWA FGC is provided with BellSouth Directory Assistance Access Service via Company designated electronic access tandem switches appropriately equipped for Directory Assistance measurement. Completion of these calls is as set forth in 5. preceding. When BellSouth SWA Directory Assistance Access Service is provided with BellSouth SWA FGC switching, calls routed to the access tandem will be completed to the Directory Assistance location. Calls completed to the Directory Assistance location are subject to the charges set forth in Section E9., following.

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TELECOMMUNICATIONS, INC.
KENTUCKY
ISSUED: January 17, 1997
BY: E.C. Roberts, Jr., President - KY
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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.3 BellSouth SWA FGC (Cont'd)

B. Optional Features

1. Common Switching Optional Features

- a. Automatic Number Identification (ANI)
- b. Service Class Routing
- c. Dial Pulse Address Signaling
- d. Revertive Pulse Address Signaling
- e. Delay Dial Start-Pulsing Signaling
- f. Immediate Dial Pulse Address Signaling
- g. Alternate Traffic Routing
- h. Trunk Access Limitation

2. Common Switching Optional Features For Use With *BellSouth SWA WATS Service*

- a. End Office End User Line Service Screening for use with *BellSouth SWA WATS Service*
- b. Hunt Group Arrangement for use with *BellSouth SWA WATS Service*
- c. Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service*
- d. Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service*
- e. Band Advance Arrangement for use with *BellSouth SWA WATS Service*

3. Switched Termination Optional Features

- a. Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Company electronic end offices and other Company end offices where equipment is available.)

4. *BellSouth SWA* Transport Optional Features

- a. Supervisory Signaling (as set forth in *E6.1.3* preceding)

5. *BellSouth SWA WATS Service* Termination Optional Features

- a. E & M Supervisory Signaling

C. Transmission Specifications

1. *BellSouth SWA* FGC is provided with either Type B or Type C Transmission Specifications as follows:

- a. When routed directly to the end office either Type B or Type C is provided.
- b. When routed to an access tandem only Type B is provided.
- c. Type B or Type C is provided on the transmission path from the access tandem to the end office.

2. Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2, 6 and 9, whether routed directly to an end office or to an access tandem.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.3 BellSouth SWA FGC (Cont'd)

C. Transmission Specifications (Cont'd)

3. Type DB Data Transmission Parameters are provided with BellSouth SWA FGC for the transmission path between the customer's terminal premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

D. Testing Capabilities

BellSouth SWA FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing or Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in E13.3.5 of *this Tariff* for BellSouth SWA FGC.

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E6.2.4 BellSouth SWA FGD

A. Description

1. BellSouth SWA FGD is provided at Company designated electronic end office switches whether routed directly or via Company designated electronic access tandem switches. For originating BellSouth SWA FGD with coin sent-paid capability, the coin capable option is provided directly to designated Company end offices or TOPS tandems. For BellSouth SWA FGD with BellSouth SWA CCSAC and the tandem signaling option, the BellSouth SWA CCSAC option is provided through Company-designated STPS.

In addition, calls originated by an end user to information services, transportation information or Telecommunications Relay Service Centers (TRS) via 211, 511 or 711 dialing codes shall be routed by the Company to the designated DMS access tandem with the LATA.

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2. BellSouth SWA FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when the BellSouth SWA CCSAC optional feature is specified.
3. BellSouth SWA FGD switching is provided with multifrequency address signaling, or common channel signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address or common channel (out-of-band), signals will be provided by Company equipment to the customer's premises where the BellSouth SWA service terminates. Such address signals will be subject to the ordinary transmission capabilities of the BellSouth SWA Transport provided.
4. BellSouth SWA FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls from a BellSouth SWA FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411), service codes (611 and 911) and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when BellSouth SWA FGD switching is used for Directory Assistance switching as set forth in 12. following. The combination of BellSouth SWA FGD service with Directory Assistance service is provided as set forth in Section E9. following. BellSouth SWA FGD may not be switched, in the terminating direction, to BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.4 BellSouth SWA FGD (Cont'd)

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SECTION 9(1)
BY: Stephan D. Bell
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A. Description (Cont'd)

5. The Company will establish a trunk group or groups for the customer at end office switches or access/TOPS tandem switches where BellSouth SWA FGD switching is provided and where technically feasible. When required by technical limitations, a separate trunk group will be established for each type of BellSouth SWA FGD switching arrangement provided. Different types of BellSouth SWA FGD or other switching arrangements may be combined in a single trunk group at the option of the Company.
6. The access code for BellSouth SWA FGD switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned number of all BellSouth SWA FGD access provided to the customer by the Company. As an option, where technically feasible, BellSouth SWA FGD may be accessed by dialing an associated uniform 950-XXXX access code. No access code is required for calls to a customer over BellSouth SWA FGD service if the end user's telephone exchange service is arranged for BellSouth Equal Access Subscription to that customer as set forth in Section E13., following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the customer's end user is NXX-XXXX.

Where facilities permit, the customer's operator can be reached by dialing 00.

When the 101XXXX access code is used, BellSouth SWA FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Company's emergency reporting service, or at the customer's option, the end-of-dialing digit (#) for cut-through access to the customer's premises.
7. BellSouth SWA FGD Switching will be arranged to accept calls from telephone exchange service locations without the need for dialing a 101XXXX uniform access code. Each telephone exchange service line may be marked with a BellSouth Equal Access Subscription code to identify which 101XXXX code its calls will be directed to for interLATA and intraLATA service. BellSouth Equal Access Subscription codes are applied as set forth in Section E13. following.
8. When a customer has had BellSouth SWA FGB access in an end office and subsequently replaces the BellSouth SWA FGB access with BellSouth SWA FGD access, at the mutual agreement of the customer and the Company, the Company will, for 90 days direct calls dialed by the customer's end users using the customer's previous BellSouth SWA FGB access code to the customer's BellSouth SWA FGD service. The customer must be prepared to handle normally dialed BellSouth SWA FGD calls as well as calls dialed with the BellSouth SWA FGB access code which require the customer to receive additional address signaling from the end user. Such calls will be rated as BellSouth SWA FGD.
9. For BellSouth SWA FGD service provided to a Mobile Telephone Switching Office (MTSO) directly interconnected to a Company Access Tandem Office, the customer will be billed for the Switched Local Channel and BellSouth SWA Dedicated Transport measured as set forth in E6.7.13.C. following, at premium rates only, including the Access Tandem Switching charge and the Interconnection charge. Carrier Common Line and Local Switching charges will not apply.
10. Originating BellSouth SWA FGD service can be ordered for the completion of sent-paid coin calls. BellSouth SWA FGD with coin sent-paid capability is provided direct to designated Company end offices or via TOPS tandem switches.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.4 BellSouth SWA FGD (Cont'd)

A. Description (Cont'd)

- II.** BellSouth SWA FGD is provided with BellSouth Directory Assistance Access service via Company designated electronic access tandem switches appropriately equipped for Directory Assistance measurement. Completion of these calls is as set forth in 4. preceding. When BellSouth Directory Assistance Access service is provided with BellSouth SWA FGD switching, calls routed to the access tandem will be completed to the Directory Assistance location. Calls completed to the Directory Assistance location are subject to the charges set forth in Section E9., following. (T)

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.4 BellSouth SWA FGD (Cont'd)

B. Optional Features

1. Common Switching Optional Features
 - a. Automatic Number Identification (ANI) /Charge Number (CN)
 - b. Service Class Routing
 - c. Alternate Traffic Routing
 - d. Call Gapping Arrangement
 - e. Trunk Access Limitation
 - f. Cut-through
 - g. AccuPulse® service Switching Capability
 - h. Calling Party Number (CPN)
 - i. Carrier Selection Parameter (CSP)
 - j. Access Transport Parameter
 - k. 950-XXXX Dialing Over **BellSouth SWA FGD**
2. Common Switching Optional Features For Use With **BellSouth SWA WATS Service**
 - a. End Office End User Line Service Screening for use with **BellSouth SWA WATS Service**
 - b. Hunt Group Arrangement for use with **BellSouth SWA WATS Service**
 - c. Uniform Call Distribution Arrangement for use with **BellSouth SWA WATS Service**
 - d. Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with **BellSouth SWA WATS Service**
 - e. Band Advance Arrangement for use with **BellSouth SWA WATS Service**
3. Switched Termination Optional Features
 - a. Operator Trunk, Full Feature Arrangement
4. **BellSouth SWA Transport Optional Features**
 - a. Supervisory Signaling as set forth in E6.1.3 preceding
 - b. AccuPulse® service Access Capability
 - c. **BellSouth SWA CSSAC**
 - d. Coin Sent-Paid Capability, as set forth in E6.1.3 of this Tariff.
 - e. 64 Clear Channel Capability (CCC) as set forth in E6.1.3
5. **BellSouth SWA WATS Service Termination Optional Feature**
 - a. E & M Supervisory Signaling

C. Transmission Specifications

1. **BellSouth SWA FGD** is provided with either Type A, Type B or Type C Transmission Specifications as follows:
 - a. When routed directly to the end office either Type B or Type C is provided.
 - b. When routed to an access or TOPS tandem, only Type A is provided.

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E6. BELLSOUTH SWA SERVICE

(T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

(T)

E6.2.4 BellSouth SWA FGD (Cont'd)

(T)

C. Transmission Specifications (Cont'd)

1. (Cont'd)

c. Type A is provided on the transmission path from the access or TOPS tandem to the end office.

2. Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2, 6 and 9.
3. Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access or TOPS tandem and between the access or TOPS tandem and the end office, or with **BellSouth SWA** FGD, when equipped with tandem signaling, for the transmission path between the customer's premises and the end offices when directly routed to the end offices. Type DB Data Transmission Parameters are provided with **BellSouth SWA** FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.
4. When equipped with tandem signaling, only Type A is provided.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.4 BellSouth SWA FGD (Cont'd)

D. Testing Capabilities

BellSouth SWA FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing, are available for **BellSouth SWA** FGD as set forth in E13.3.5 following.

E6.2.5 BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service

A. Service Description

1. Originating **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service is a trunk side switched service that is available to the customer via **BellSouth SWA 8XX Toll Free Dialing** Service trunk groups. **BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening** Service trunk groups, from the Company's SSP equipped end office or access tandem to the customer, will be provided in conjunction with **BellSouth SWA** FGD or **BellSouth SWA** TSBSA 3 Access.
2. **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service provides for routing 800 originating calls based on the dialed ten digit 800 number except for 800 calls to Canada, Bermuda and Bahamas. Routing for 800 calls to these areas will be based on the first six digits of the dialed 800 number. Terms, conditions and rates applicable to **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service also apply to these calls.
3. When a 1+800+XXX-XXXX call is originated by an end user, the Company will use the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to the customer.

B. Provision of Service

1. The manner in which **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service is provided is dependent on the status of the end office from which the service is provided.
 - a. When an 800 call originates from an end office equipped with equal access and Service Switching Point (SSP) customer identification capabilities, **BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening** Service will be provisioned in accordance with the technical characteristics available with **BellSouth SWA** FGD or **BellSouth SWA** TSBSA 3.
 - b. When an 800 call originates at an end office equipped with equal access capability only (i.e., without SSP customer identification capabilities), the 800 call will be delivered to the access tandem on which the end office is homed and which is equipped with the SSP feature for customer identification. **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service will be provisioned in accordance with the technical characteristics available with **BellSouth SWA** FGD or **BellSouth SWA** TSBSA 3 service.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of Switched Access Service Arrangements (Cont'd)

E6.2.5 BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service (Cont'd)

B. Provision of Service (Cont'd)

1. (Cont'd)

c. When an 800 call originates at an end office not equipped with equal access signaling and that end office's normal call recording function is performed at the access tandem on which the end office is homed and that access tandem is also equipped with the SSP feature for customer identification, the 800 call will be delivered to the access tandem for call routing and customer identification. **BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service** will be provided in conjunction with **BellSouth SWA FGD** or **BellSouth SWA TSBSA 3 Access** from the SSP equipped access tandem to the customer. (T)

d. When an 800 call originates at an end office not equipped with equal access signaling and that end office's normal call recording function is performed at a location other than an access tandem equipped with the SSP feature for customer identification, the 800 call will be delivered to an SSP equipped access tandem. **BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service** will be provided in conjunction with **BellSouth SWA FGD** or **BellSouth SWA TSBSA 3 service** from the SSP equipped access tandem to the customer except when more than one access tandem is employed in the transport of a **BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service** call for which standard transmission characteristics are not guaranteed. (T)

Additionally, **BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service** usage measurement shall be in accordance with the regulations set forth in E6.7.8 following for **BellSouth SWA FGC**, **BellSouth SWA FGD** and **BellSouth SWA TSBSA 2** and **BellSouth SWA TSBSA 3 Access**. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which **BellSouth SWA FGC** and **BellSouth SWA TSBSA 2** access minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which **BellSouth SWA FGD** and **BellSouth SWA TSBSA 3** access minutes are measured. (T)

2. The customer has the option of having the dialed 800 number (i.e., 800+NXX+XXXX) or the ten digit POTS number (i.e., NPA+NXX+XXXX) delivered. If the customer desires to have the POTS number delivered, the customer must order 800 to POTS number delivery as set forth in E13.3.12 following.

3. **BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service** will be provisioned in conjunction with **BellSouth SWA FGD** and **BellSouth SWA TSBSA 3 service** with two exceptions: design blocking criteria and ANI information digits. (T)

a. Design blocking criteria is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access capabilities or not equipped with equal access capabilities). The design blocking criteria for **BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service** is set forth in E6.5.7.A.4. following. (T)

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.5 BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service (Cont'd)

B. (Cont'd)

3. (Cont'd)

- b. Unless prohibited by technical limitations of the customer's terminating switch (e.g., different dialing plans or restrictions in the ability to identify various combinations of ANI information, i.e., 3 digit versus 10 digit ANI on certain calls), the customer's **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-**BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service. 0+ and 0- calling arrangements are not available with **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service.

BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service originating from equal access end offices and equal access tandems equipped with the SSP feature for customer identification will be provided using **BellSouth SWA FGD** or **BellSouth SWA** TSBSA 3 signaling without overlap outpulsing. **BellSouth SWA FGD** and **BellSouth SWA** TSBSA 3 signaling may be provided with or without three-digit or ten-digit ANI. **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service originating from equal access end offices not having equal access capability, will be provided to the customer in a **BellSouth SWA FGD/BellSouth SWA** TSBSA 3 signaling format without overlap outpulsing.

Additionally, ANI information digits which identify the call as an 800 call are also provided when the customer orders the ANI and POTS delivery optional features. The provision of these information digits is described in E6.3.1.A. and E6.3.3.A following.

4. For **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service traffic originating from equal access end offices without the customer identification function, **BellSouth SWA FGD** and **BellSouth SWA** TSBSA 3 service parameters as specified in E6.2.4 preceding and E6.2.9 following apply.
5. For **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service Traffic Originating from all other end offices, **BellSouth SWA FGC** and **BellSouth SWA** TSBSA 2 parameters as specified in E6.2.3 preceding and E6.2.9 following apply.
6. Premises interface codes as set forth in E6.1.3 preceding for **BellSouth SWA FGD** and **BellSouth SWA** TSBSA 3 also apply to **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service.

E6.2.6 Reserved For Future Use

E6.2.7 BellSouth SWA 900 Service

Originating **BellSouth SWA 900** service is a trunk side switched service that is available to the customer via **BellSouth SWA 900** service trunk groups. **BellSouth SWA 900** service trunk groups will be provided in conjunction with **BellSouth SWA FGC**, **BellSouth SWA FGD** or **BellSouth SWA** TSBSA 2 or **BellSouth SWA** TSBSA 3 Access or in accordance with the technical characteristics of **BellSouth SWA FGC**, **BellSouth SWA FGD** or **BellSouth SWA** TSBSA 2 or **BellSouth SWA** TSBSA 3 Access. **BellSouth SWA 900** service is available with either 1+ or 1+ and 0+ dialing capability, with 1+ the standard. 0+900 dialing is available for use with calling cards only (operator handled calls other than calling card calls are not permitted).

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BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY

ISSUED: January 17, 1997

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E6. SWITCHED ACCESS SERVICE

(T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

(T)

E6.2.7 BellSouth SWA 900 Service (Cont'd)

(T)

When a 1+ or 0+ 900+NXX+XXXX call is originated by an end user, the Company will perform the customer identification function to determine the customer location to which the call is to be routed. The customer identification function will be available at suitably equipped end offices or access tandem switches. If a call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an access tandem, where the customer identification will be performed and the call routed to the customer based on the NXX.

The manner in which **BellSouth SWA** 900 service is provided depends on the status of the end office from which the service is provided (i.e., equipped with equal access capabilities or not equipped with equal access capabilities). When **BellSouth SWA** 900 service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with **BellSouth SWA FGD** or **BellSouth SWA** TSBSA 3, except when more than one access tandem is employed in the transport of a **BellSouth SWA** 900 service call for which standard transmission characteristics are not guaranteed. When **BellSouth SWA** 900 service is provided from an end office not equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with **BellSouth SWA FGC**, **BellSouth SWA FGD**, or **BellSouth SWA** TSBSA 2 or **BellSouth SWA** TSBSA 3 except when more than one access tandem is employed in the transport of a **BellSouth SWA** 900 service call for which standard transmission characteristics are not guaranteed.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.7 BellSouth SWA 900 Service (Cont'd)

Additionally, BellSouth SWA 900 service usage measurement shall be in accordance with the regulations set forth in E6.7.8 following for BellSouth SWA FGC, BellSouth SWA FGD and BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which BellSouth SWA FGC and BellSouth SWA TSBSA 2 access minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which BellSouth SWA FGD and BellSouth SWA TSBSA 3 access minutes are measured.

Unless prohibited by technical limitations of the customer's terminating switch (e.g., different dialing plans), the customer's BellSouth SWA 900 service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-BellSouth SWA 900 service traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for BellSouth SWA 900 service. BellSouth SWA 900 service calls originated as 0- or 101XXXX, or originated from Inmate Service, coin-sent paid capability, and toll restricted stations will be blocked. (C)

BellSouth SWA 900 service originating from equal access end offices with the customer identification function will be provided using BellSouth SWA FGD or BellSouth SWA TSBSA 3 signaling with overlap outpulsing. BellSouth SWA FGD and BellSouth SWA TSBSA 3 signaling may be provided with or without 10-digit ANI, but not in the same trunk group. BellSouth SWA 900 service originating from equal access end offices without the customer identification function, or from end offices not having equal access capability, will be provided using traditional signaling.

For BellSouth SWA 900 service traffic originating from an equal access end office with the customer identification function, BellSouth SWA FGD and BellSouth SWA TSBSA 3 parameters as specified in E6.2.4 preceding and E6.2.9 following apply. For BellSouth SWA 900 service traffic originating from all other end offices, BellSouth SWA FGC and BellSouth SWA TSBSA 2 parameters, as specified in E6.2.3 preceding and E6.2.9 following apply.

Premises Interface Codes as set forth in E6.1.3 preceding for BellSouth SWA FGD and BellSouth SWA TSBSA 3 also apply to BellSouth SWA 900 service.

The Company retains the right to administer its network in such a manner that the impact of traffic surges due to the peaked nature of BellSouth SWA 900 service traffic on other access service traffic is minimized. E6.3.2.A.12, notwithstanding, the Company may, when it deems necessary, implement network management controls to insure acceptable service levels.

In order to ensure deployment of adequate protective network controls, the Company requires that the customer provide notification to the Company's Network Management Center at least two business days before any BellSouth SWA 900 service event for which a substantial call volume is expected during a short period of time (e.g., media stimulated event). Notification should include the nature, time, duration and frequency of the event, an estimated call volume, and the 900 line number to be used.

The customer is responsible for using BellSouth SWA 900 service in accordance with this Tariff. BellSouth SWA 900 service shall not be used for any communication which is prohibited by law, nor in any manner which is unlawful. It is not intended that BellSouth SWA 900 service be used for any communication which implicitly or explicitly invites, describes, stimulates, arouses, or otherwise refers to sexual conduct, or which contains sexual innuendoes which arouse or attempt to arouse sexual desire. Nor is it intended that BellSouth SWA 900 service be used or administered in conjunction with misleading, exploitative or similarly abusive business practices. The customer shall cooperate with the Company to resolve complaints which may result from such uses of BellSouth SWA 900 service.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.8 BellSouth SWA LSBSA

The **BellSouth SWA** LSBSA Service Category is virtually identical to that of **BellSouth SWA FGA**. **BellSouth SWA** LSBSA differs from **BellSouth SWA FGA** in three respects: the manner in which existing Local Switching Common Switching Optional Features are offered, the offering of new Basic Service Elements, and the resulting rate structure.

BellSouth SWA LSBSA is an unbundled service category. Unbundling separates certain existing common switching optional features from the **BellSouth SWA** Basic Serving Arrangement. The resulting service category (i.e., **BellSouth SWA FG** less certain existing optional features) is **BellSouth SWA** LSBSA. These separated (unbundled) optional features, called Basic Service Elements (BSEs), are individually priced. Additionally, new BSEs are being offered to **BellSouth SWA** LSBSA customers. These new individually priced BSEs are listed in B.2. and B.3. following and can only be purchased in addition to service category **BellSouth SWA** LSBSA (Except that in B.3. following which can be purchased by **BellSouth SWA** TSBSA customers).

A. Description

1. **BellSouth SWA** LSBSA is provided in connection with Company electronic and electromechanical end offices. At the option of the customer, **BellSouth SWA** LSBSA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
2. **BellSouth SWA** LSBSA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
3. The Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Company facilities and measurement capabilities, are available to accommodate such a request. When measurement capability does not exist in an office in the LATA, the Company shall select the first point of switching and the assumed minutes of use as described in E6.7.8 following will apply.
4. A seven digit local telephone number assigned by the Company is provided for access to **BellSouth SWA** LSBSA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.
If the customer requests a specific seven digit telephone number that is not currently assigned, and the Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.
5. **BellSouth SWA** LSBSA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction **BellSouth SWA** LSBSA switching may be arranged, at the option of the customer, for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When **BellSouth SWA** LSBSA switching is provided in a hunt group or uniform call distribution arrangement, all **BellSouth SWA** LSBSA switching will be arranged for the same type of address signaling.
6. No address signaling is provided by the Company when **BellSouth SWA** LSBSA switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Company and will be subject to the ordinary transmission capabilities of the **BellSouth SWA** Transport provided.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.8 BellSouth SWA LSBSA (Cont'd)

A. Description (Cont'd)

7. BellSouth SWA LSBSA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA of the dial tone office, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). Charges for BellSouth SWA LSBSA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the Company's General Subscriber Services Tariff, for local operator assistance (0- and 0+) calls; (2) calls from a BellSouth SWA LSBSA line to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer.

For BellSouth SWA LSBSA calls to Directory Assistance (411), BellSouth SWA service terminating usage rates will not apply. Instead, BellSouth SWA LSBSA calls to this service are subject to the BellSouth Directory Assistance Access service call rate set forth in Section E9. following.

8. When a BellSouth SWA LSBSA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

B. Optional Features and Basic Service Elements

1. Common Switching Optional Features
 - a. Call Denial
 - b. Service Code Denial
 - c. Enhanced Call Denial
 - d. Call Screening
2. Common Switching Basic Service Elements
 - a. Hunt Group Arrangement
 - b. Uniform Call Distribution Arrangement
 - c. Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
 - d. Simplified Message Desk Interface (SMDI)
 - e. Surrogate Client Numbers
 - f. Bulk Calling Line Information Delivery (BCLID)
 - g. Queuing
 - h. User Transfer
 - i. Make Busy/Night Transfer
 - j. Direct Inward Dialing (DID) or DID/Direct Outward Dialing (DOD) Access Service with BellSouth SWA LSBSA
 - k. Answer Supervision
 - l. BellSouth® Remote Access Service

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.8 BellSouth SWA LSBSA (Cont'd)

B. Optional Features and Basic Service Elements (Cont'd)

3. Common Switching BSEs for use with *BellSouth SWA WATS Service*
 - a. DID or DID/DOD with *BellSouth SWA Basic Serving Arrangement* service for use with *BellSouth SWA WATS Service*
4. Switched Termination Optional Features
 - a. Two-way operation with dial pulse address signaling and loop start supervisory signaling
 - b. Two-way operation with dial pulse address signaling and ground start supervisory signaling
 - c. Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling
 - d. Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
 - e. Terminating operation with dial pulse address signaling and loop start supervisory signaling
 - f. Terminating operation with dial pulse address signaling and ground start supervisory signaling
 - g. Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
 - h. Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
 - i. Originating operation with loop start supervisory signaling
 - j. Originating operation with ground start supervisory signaling
5. *BellSouth SWA* Transport Optional Features
 - a. Supervisory Signaling (as set forth in E6.1.3. preceding)
 - b. Customer Specified Entry Switch Receive Level
6. Certain other features which may be available in connection with *BellSouth SWA* LSBSA are provided under the Company's General Subscriber Services Tariffs. Examples are:
 - a. Custom Calling Features
 - b. Extensions in the same local exchange as the dial tone office

C. Transmission Specifications

BellSouth SWA LSBSA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with *BellSouth SWA* LSBSA to the first point of switching.

D. Testing Capabilities

BellSouth SWA LSBSA is provided, in the terminating direction where equipment is available with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing are available for *BellSouth SWA* LSBSA as set forth in E13.3.5 following.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA

The **BellSouth SWA** TSBSA service category, with Technical Options 1, 2 and 3, is virtually identical to **BellSouth SWA FGB**, **BellSouth SWA FGC** and **BellSouth SWA FGD**, respectively. **BellSouth SWA** TSBSA differs from the trunk side feature groups in two respects: the manner in which existing Local Switching Common Switching Optional Features are offered, and the resulting rate structure.

BellSouth SWA TSBSA is an unbundled service category. Unbundling separates certain existing common switching optional features from the feature group service categories. The resulting serving category (i.e., **BellSouth SWA FG** less certain existing optional features) is **BellSouth SWA** TSBSA. These separated (unbundled) optional features, called BSEs, are individually priced and can only be purchased in addition to service category **BellSouth SWA** TSBSA. One existing optional feature, Automatic Number Identification (ANI)/Charge Number, has become an unbundled BSE.

A. **BellSouth SWA** TSBSA 1

1. Description

- a. **BellSouth SWA** TSBSA 1, when directly routed to an end office, is provided at appropriately equipped Company electronic end office switches. When provided via Company designated electronic access tandem switches, **BellSouth SWA** TSBSA 1 switching is provided at Company electronic and electromechanical end office switches.
- b. **BellSouth SWA** TSBSA 1 is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- c. **BellSouth SWA** TSBSA 1 switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for **BellSouth SWA** TSBSA 1 switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in E6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Company and will be subject to the ordinary transmission capabilities of the Switched transport provided.
- d. The access code for **BellSouth SWA** TSBSA 1 switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers. These uniform access codes will be the assigned access numbers of all **BellSouth SWA** TSBSA 1 service provided to the customer by the Company. As an option, where technically feasible **BellSouth SWA** TSBSA 3 may be accessed by dialing an associated uniform 950-XXXX access code. When used with the 950 dialing option, **BellSouth SWA** TSBSA 3 is only available with common channel signaling.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA (Cont'd)

A. BellSouth SWA TSBSA 1 (Cont'd)

1. Description (Cont'd)

- e. BellSouth SWA TSBSA 1 switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Company, community information services of an information service provider and other customer's services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls from a BellSouth SWA TSBSA 1 trunk to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-1XXX or 950-0XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411), service codes (611 and 911) or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when BellSouth SWA TSBSA 1 switching is combined with Directory Assistance switching as set forth in i. following. The combination of BellSouth SWA TSBSA 1 service with Directory Assistance Service is provided as set forth in Section E9. following. BellSouth SWA TSBSA 1 Switching may not be switched, in the terminating direction, to BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA.
- f. The Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where BellSouth SWA TSBSA 1 switching is provided. When required by technical limitations, a separate trunk group will be established for each type of BellSouth SWA TSBSA 1 switching arrangement provided. Different types of BellSouth SWA TSBSA 1 or other switching arrangements may be combined in a single trunk group at the option of the Company.
- g. When all BellSouth SWA TSBSA 1 switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- h. For BellSouth SWA TSBSA 1 service provided to a Mobile Telephone Switching Office (MTSO) directly interconnected to a Company access tandem office, the customer will be billed for the Switched Local Channel and *BellSouth SWA Dedicated* Transport measured as set forth in E6.7.13.C. following, at premium rates only, including the Access Tandem Switching charge and the Interconnection charge. Carrier Common Line and Local Switching charges will not apply.
- i. BellSouth SWA TSBSA 1 is provided with BellSouth Directory Assistance Access Service via Company designated electronic access tandem switches appropriately equipped for Directory Assistance measurement. Completion of these calls is as set forth in e. preceding. When BellSouth Directory Assistance Access Service is provided with BellSouth SWA TSBSA 1, calls routed to the access tandem will be completed to the Directory Assistance location. Calls completed to the Directory Assistance location are subject to the charges set forth in Section E9. following.

2. Optional Features and Basic Service Elements

a. Common Switching Optional Features

- Up to 7 Digit Outpulsing of Access Digits to customer
- Alternate Traffic Routing

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA (Cont'd)

A. BellSouth SWA TSBSA 1 (Cont'd)

2. Optional Features and Basic Service Elements (Cont'd)

b. Common Switching Basic Service Elements

- Automatic Number Identification (ANI)

c. Common Switching BSEs for use with *BellSouth SWA WATS Service*

- DID or DID/DOD with BSAs Access Service for use with *BellSouth SWA WATS Service*

d. Switched Termination Optional Features

- Rotary Dial Station Signaling

e. *BellSouth SWA* Transport Optional Features

- Customer Specification of *BellSouth SWA* Transport Termination

- Supervisory Signaling (as set forth in E6.1.3 preceding)

- Customer Specified Entry Switch Receive Level

3. Transmission Specifications

BellSouth SWA TSBSA 1 is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with *BellSouth SWA* TSBSA 1 to the first point of switching.

4. Testing Capabilities

BellSouth SWA TSBSA 1 is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in E13.3.5 following.

B. BellSouth SWA TSBSA 2

1. Description

a. *BellSouth SWA* TSBSA 2 is provided at all Company end office switches on a direct trunk basis or via Company designated access tandem switches. *BellSouth SWA* TSBSA 2 switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless *BellSouth SWA* TSBSA 3 end office switching is provided in the same office. When *BellSouth SWA* TSBSA 3 switching is available, *BellSouth SWA* TSBSA 2 switching will not be provided.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA (Cont'd)

B. BellSouth SWA TSBSA 2 (Cont'd)

1. Description (Cont'd)

- b. BellSouth SWA TSBSA 2 is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
- c. BellSouth SWA TSBSA 2 is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse, revertive pulse or immediate dial pulse, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Company equipment to the customer's premises where the BellSouth SWA service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the BellSouth SWA Transport provided.
- d. No access code is required for BellSouth SWA TSBSA 2 Switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.
- e. BellSouth SWA TSBSA 2 switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Company, community information services of an information provider, and other customer's services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls from a BellSouth SWA TSBSA 2 trunk to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), DA (411), service codes (611 and 911) and 101XXXX access codes. Calls will be completed to DA (NPA-555-1212 and 555-1212) when BellSouth SWA TSBSA 2 switching is used for Directory Assistance switching as set forth in g. following. BellSouth SWA TSBSA 2 may not be switched, in the terminating direction, to BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA. The combination of BellSouth SWA TSBSA 2 service with BellSouth Directory Assistance Access Service is provided as set forth in Section E9. following.
- f. BellSouth SWA TSBSA 2 is provided with BellSouth Directory Assistance Access Service via Company designated electronic access tandem switches appropriately equipped for Directory Assistance measurement. Completion of these calls is as set forth in e. preceding. When BellSouth Directory Assistance Access Service is provided with BellSouth SWA TSBSA 2 switching, calls routed to the access tandem will be completed to the Directory Assistance location. Calls completed to the Directory Assistance location are subject to the charges set forth in E9. following.

(C)

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PURSUANT TO 807 KAH 5.011,
SECTION 9 (1)
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SECRETARY OF THE COMMISSION

BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY
ISSUED: January 17, 1997
BY: E.C. Roberts, Jr., President - KY
Louisville, Kentucky

ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Second Revised Page 25.1.8
Cancels First Revised Page 25.1.8
EFFECTIVE: February 16, 1997

E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA (Cont'd)

B. BellSouth SWA TSBSA 2 (Cont'd)

2. Optional Features and Basic Service Elements

a. Common Switching Optional Features

- Service Class Routing
- Dial Pulse Address Signaling
- Revertive Pulse Address Signaling
- Delay Dial Start-Pulsing Signaling
- Immediate Dial Pulse Address Signaling
- Alternate Traffic Routing
- Trunk Access Limitation

b. Common Switching Basic Service Element

- Automatic Number Identification (ANI)

c. Common Switching Optional Features for use with *BellSouth SWA WATS Service*

- End Office End User Line Service Screening for use with *BellSouth SWA WATS Service*
- Hunt Group Arrangement for use with *BellSouth SWA WATS Service*
- Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service*
- Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service*
- Band Advance Arrangement for use with *BellSouth SWA WATS Service*

d. Common Switching BSEs for use with *BellSouth SWA WATS Service*

- DID or DID/DOD with BSAs Access Service for use with *BellSouth SWA WATS Service*

e. Switched Termination Optional Features

- Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Company electronic end offices and other Company end offices where equipment is available.)

f. *BellSouth SWA* Transport Optional Features

- Supervisory Signaling (as set forth in E6.1.3 preceding)

g. *BellSouth SWA WATS Service* Termination Optional Features

- E & M Supervisory Signaling

3. Transmission Specifications

a. *BellSouth SWA* TSBSA 2 is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.

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BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY
ISSUED: May 16, 2001
BY: E.C. Roberts, Jr., President - KY
Louisville, Kentucky

ACCESS SERVICES TARIFF

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Third Revised Page 25.1.9
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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA (Cont'd)

B. BellSouth SWA TSBSA 2 (Cont'd)

3. Transmission Specifications (Cont'd)

a. (Cont'd)

- Type B or Type C is provided on the transmission path from the access tandem to the end office.

b. Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2, 6 and 9, whether routed directly to an end office or to an access tandem.

c. Type DB Data Transmission Parameters are provided with BellSouth SWA TSBSA 2 for the transmission path between the customer's terminal premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

4. Testing Capabilities

BellSouth SWA TSBSA 2 is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing or Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in E13.3.5 of this Tariff for BellSouth SWA TSBSA 2.

(T)

C. BellSouth SWA TSBSA 3

1. Description

a. BellSouth SWA TSBSA 3 is provided at Company designated electronic end office switches whether routed directly or via Company designated electronic access tandem switches. For originating BellSouth SWA TSBSA 3 with coin sent-paid capability, the coin capable option is provided directly to designated Company end offices or TOPS tandems. For BellSouth SWA TSBSA 3 with BellSouth SWA CCSAC, the BellSouth SWA CCSAC option is provided through Company-designated STPS.

In addition, calls originated by an end user to information services, transportation information or Telecommunications Relay Service Centers (TRS) via 211, 511 or 711 dialing codes shall be routed by the Company to the designated DMS access tandem with the LATA.

(N)

b. BellSouth SWA TSBSA 3 is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when the BellSouth SWA CCSAC optional feature is specified.

c. BellSouth SWA TSBSA 3 switching is provided with multifrequency address signaling, or common channel signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address or common channel (out-of-band), signals will be provided by Company equipment to the customer's premises where the BellSouth SWA service terminates. Such address signals will be subject to the ordinary transmission capabilities of the BellSouth SWA Transport provided.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA (Cont'd)

C. BellSouth SWA TSBSA 3 (Cont'd)

1. Description (Cont'd)

- d. BellSouth SWA TSBSA 3 switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls from a BellSouth SWA TSBSA 3 trunk to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411), service codes (611 and 911) and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when BellSouth SWA TSBSA 3 switching is used for Directory Assistance switching as set forth in 1. following. The combination of BellSouth SWA TSBSA 3 service with BellSouth Directory Assistance Access Service is provided as set forth in Section E9. following. BellSouth SWA TSBSA 3 may not be switched, in the terminating direction, to BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA. (C)
- e. The Company will establish a trunk group or groups for the customer at end office switches or access/TOPS tandem switches where BellSouth SWA TSBSA 3 switching is provided and where technically feasible. When required by technical limitations, a separate trunk group will be established for each type of BellSouth SWA TSBSA 3 switching arrangement provided. Different types of BellSouth SWA TSBSA 3 or other switching arrangements may be combined in a single trunk group at the option of the Company.
- f. The access code for BellSouth SWA TSBSA 3 switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned number of all BellSouth SWA TSBSA 3 access provided to the customer by the Company. No access code is required for calls to a customer over BellSouth SWA TSBSA 3 service if the end user's telephone exchange service is arranged for presubscription to that customer as set forth in Section E13. following. (C)

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the customer's end user is NXX-XXXX.

Where facilities permit, the customer's operator can be reached by dialing 00.

When the 101XXXX access code is used, BellSouth SWA TSBSA 3 switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Company's emergency reporting service, or at the customer's option, the end-of-dialing digit (#) for cut-through access to the customer's premises. (C)

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA 3 (Cont'd)

C. BellSouth SWA TSBSA 3 (Cont'd)

1. Description (Cont'd)

- g. BellSouth SWA TSBSA 3 Switching will be arranged to accept calls from telephone exchange service locations without the need for dialing a 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA and intraLATA service. Presubscription codes are applied as set forth in Section E13. following.
- h. When a customer has had BellSouth SWA TSBSA 1 access in an end office and subsequently replaces the BellSouth SWA TSBSA 1 access with BellSouth SWA TSBSA 3 access, at the mutual agreement of the customer and the Company, the Company will, for 90 days direct calls dialed by the customer's end users using the customer's previous BellSouth SWA TSBSA 1 access code to the customer's BellSouth SWA TSBSA 3 service. The customer must be prepared to handle normally dialed BellSouth SWA TSBSA 3 calls as well as calls dialed with the BellSouth SWA TSBSA 1 access code which require the customer to receive additional address signaling from the end user. Such calls will be rated as BellSouth SWA TSBSA 3.
- i. For BellSouth SWA TSBSA 3 service provided to a Mobile Telephone Switching Office (MTSO) directly interconnected to a Company access tandem office, the customer will be billed for the Switched Local Channel and BellSouth SWA *Dedicated* Transport measured as set forth in E6.7.13.C following, at premium rates only, including the Access Tandem Switching charge and the Interconnection charge. Carrier Common Line and Local Switching charges will not apply. (C)
- j. Originating BellSouth SWA TSBSA 3 service can be ordered for the completion of sent-paid coin calls. BellSouth SWA TSBSA 3 with coin sent-paid capability is provided direct to designated Company end offices or via TOPS tandem switches.
- k. BellSouth SWA TSBSA 3 is provided with BellSouth Directory Assistance Access Service via Company designated electronic access tandem switches appropriately equipped for Directory Assistance measurement. Completion of these calls is as set forth in d. preceding. When BellSouth Directory Assistance Access Service is provided with BellSouth SWA TSBSA 3 switching, calls routed to the access tandem will be completed to the Directory Assistance location. Calls completed to the Directory Assistance location are subject to the charges set forth in Section E9. following.

2. Optional Features and Basic Service Elements

a. Common Switching Optional Features

- Service Class Routing
- Alternate Traffic Routing
- Call Gapping Arrangement

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E6. BELLSOUTH SWA

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA (Cont'd)

C. *BellSouth SWA* TSBSA 3 (Cont'd)

2. Optional Features and Basic Service Elements (Cont'd)

a. Common Switching Optional Features (Cont'd)

- Trunk Access Limitation
- Cut-through
- AccuPulse® service Switching Capability
- Calling Party Number (CPN)
- Carrier Selection Parameter (CSP)
- Access Transport Parameter
- 950-XXXX Dialing Over *BellSouth SWA* TSBSA 3

b. Common Switching Basic Service Element

- Automatic Number Identification (ANI)/Charge Number (CN)

c. Common Switching Optional Features for use with *BellSouth SWA WATS Service*

- End Office End User Line Service Screening for use with *BellSouth SWA WATS Service*
- Hunt Group Arrangement for use with *BellSouth SWA WATS Service*
- Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service*
- Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service*
- Band Advance Arrangement for use with *BellSouth SWA WATS Service*

d. Common Switching BSEs for use with *BellSouth SWA WATS Service*

- DID or DID/DOD with BSAs Access Service for use with *BellSouth SWA WATS Service*

e. Switched Termination Optional Features

- Operator Trunk, Full Feature Arrangement

f. *BellSouth SWA* Transport Optional Features

- Supervisory Signaling as set forth in E6.1.3.A.3.a. preceding
- AccuPulse® service Access Capability
- *BellSouth SWA* CSSAC
- Coin Sent-Paid Capability, as set forth in E6.1.3 of this Tariff.
- 64 Clear Channel Capability (CCC) as set forth in E6.1.3

g. *BellSouth SWA WATS Service* Termination Optional Feature

- E & M Supervisory Signaling

3. Transmission Specifications

a. *BellSouth SWA* TSBSA 3 is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access or TOPS tandem, only Type A is provided.
- Type A is provided on the transmission path from the access or TOPS tandem to the end office.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA (Cont'd)

C. BellSouth SWA TSBSA 3 (Cont'd)

3. Transmission Specifications (Cont'd)

- b. Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2, 6 and 9.
- c. Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access or TOPS tandem and between the access or TOPS tandem and the end office. Type DB Data Transmission Parameters are provided with BellSouth SWA TSBSA 3 for the transmission path between the customer's premises and the end office when directly routed to the end office.

4. Testing Capabilities

BellSouth SWA TSBSA 3 is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing, are available for BellSouth SWA TSBSA 3 as set forth in E13.3.5 following.

5. Multiple Customer Premises Alternate Routing

This option provides the capability of directing originating traffic from an end office or access tandem to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD and BellSouth SWA TSBSA. Due to technical limitations, this option is not available with the routing of sent-paid coin traffic *from line controlled pay stations*. (C)

6. End Office Alternate Routing When Ordered in Trunks

This option provides an alternate routing arrangement for customers who order in trunks and have access for a particular BellSouth SWA FG or BellSouth SWA Basic Serving Arrangement to an end office via two routes: one route via an access tandem and one direct route. The feature allows the customer's originating traffic from the end office to be offered first to the direct trunk group and then overflow to the access tandem group. It is provided in suitably equipped end offices and is available with BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD and BellSouth SWA TSBSA. Due to technical limitations, this option is not available with the routing of sent-paid coin traffic *from line controlled pay stations*. This option is available for use in providing BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service and BellSouth SWA 900 service only when the end office is equipped to perform the BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service or BellSouth SWA 900 service customer identification function. (C)

7. Service Class Routing

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer-designated premises, based on the line class of service (e.g., *pay telephone*, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or service access code (e.g., 800 or 900). It is provided in suitably equipped end office or access/TOPS tandem switches and is available with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3. (C)

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.9 BellSouth SWA TSBSA (Cont'd)

C. *BellSouth SWA* TSBSA 3 (Cont'd)

8. Dial Pulse Address Signaling

This trunk side option provides for the transmission of number information, e.g., called number, between the end office switching system and the customer's premises (in either direction) by means of direct current pulses. It is available with *BellSouth SWA FGC* and *BellSouth SWA* TSBSA 2.

9. Revertive Pulse Address Signaling

This option provides for a dc pulsing arrangement that transmits intelligence in the following manner:

The equipment at the originating location presets itself to represent the number of pulses required and to count the pulses received from the terminating location.

The equipment at the terminating location transmits a series of pulses by the momentary grounding of its battery supply until the originating location breaks the dc path to indicate that the required number of pulses has been counted.

This option is available with *BellSouth SWA FGC* and *BellSouth SWA* TSBSA 2.

E6.2.10 BellSouth SWA 500 Service

A. *BellSouth SWA* 500 service is an originating Trunk Side *BellSouth SWA* service. *BellSouth SWA* 500 service will be provided in conjunction with *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2 or *BellSouth SWA* TSBSA 3 or in accordance with the technical characteristics of *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2 or *BellSouth SWA* TSBSA 3.

B. *BellSouth SWA* 500 service is available with 1+ only, 0+ only, or 1+ and 0+ dialing capability, with 1+ and 0+ the standard. If 1+ only or 0+ only dialing capability is requested, service rearrangement charges as specified in E6.8.8 following are applicable for 500 traffic terminating to existing trunk groups.

C. When a 1+ or 0+500+XXX+XXXX call is originated by an end user, the Company will perform the customer identification function, based on the first six digits of the dialed 500 Number to determine the customer location to which the call is to be routed. After the customer identification function is performed, the call will be routed to the customer over originating *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2 or *BellSouth SWA* TSBSA 3 or in accordance with the technical characteristics of *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2 or *BellSouth SWA* TSBSA 3.

D. The manner in which *BellSouth SWA* 500 service is provided is dependent on the status of the end office from which the service is provided as outlined following:

1. When a 500 call originates from an end office equipped with equal access and Service Switching Point (SSP) customer identification capabilities, *BellSouth SWA* 500 service will be provisioned in accordance with the technical characteristics available with *BellSouth SWA* FGD or *BellSouth SWA* TSBSA 3 via a database look-up at the SCP.

2. When a 500 call originates from an end office equipped with equal access capability only (i.e., without SSP customer identification capabilities), the end office will perform the customer identification function via NXX translations. The 500 traffic is then delivered to the customer via *BellSouth SWA* FGD or *BellSouth SWA* TSBSA 3.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

E6.2.10 BellSouth SWA 500 Service (Cont'd)

D. (Cont'd)

3. When a 500 call originates from an end office not equipped with equal access signaling, and that end office's normal call recording function is performed at the tandem on which the end office is homed, and that tandem is also equipped with the capability to perform a NXX translation, the 500 call will be delivered to the tandem for call routing and customer identification. The 500 call will be delivered via BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 or in accordance with the technical characteristics of BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3.
4. When a 500 call originates from an end office not equipped with equal access signaling, and that end office's normal call recording function is performed at a location other than a tandem equipped with the capability to perform a NXX translation, the 500 call will be delivered to a tandem capable of performing a NXX translation. Such service will be provided in conjunction with BellSouth SWA FGD or BellSouth SWA TSBSA 3 from the access tandem capable of performing a NXX translation to the customer, except when more than one tandem is employed in the transport of a BellSouth SWA 500 service call for which standard transmission characteristics are not guaranteed.
- E. BellSouth SWA 500 service will be provisioned in conjunction with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3 access, with two exceptions (design blocking criteria and ANI information digits).
- F. Design blocking criteria, is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access capabilities or not equipped with equal access capabilities). The design blocking criteria for BellSouth SWA 500 service is set forth in E6.5.7 following.
- G. Unless prohibited by technical limitations of the customer's terminating switch (such as different dialing plans or restrictions in the ability to identify various combinations of ANI information, i.e., 3 digit versus 10 digit ANI on certain calls) the customer's BellSouth SWA 500 service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-BellSouth SWA 500 service traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for BellSouth SWA 500 service. 0- calling arrangements are not available with BellSouth SWA 500 service.
- H. Additionally, BellSouth SWA 500 service usage measurement shall be in accordance with the regulations set forth in E6.7.8 following for BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which BellSouth SWA FGC and BellSouth SWA TSBSA 2 access minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which BellSouth SWA FGD or BellSouth SWA TSBSA 3 access minutes are measured.
- I. Premise Interface Codes as set forth in E6.1.3.A.5 preceding for BellSouth SWA FGD and BellSouth SWA TSBSA 3 also apply to BellSouth SWA 500 service.

E6.2.11 BellSouth Dedicated Ring

A. Self-healing Multi-nodal Alternate Route Topology Ring

1. BellSouth Dedicated Ring is a dedicated, high capacity, network designed to provide increased reliability and functionality via a self-healing Ring topology between multiple customer designated locations and Company Central Offices where facilities can be made available as determined by the Company. This network consists of fiber routed through local, alternate central office, internodal and/or interoffice channel facilities that transmit DS1, DS3, STS-1, OC-3, OC-12 and/or **OC-48** channel services simultaneously over primary and alternate paths between customer designated locations and Company Central Offices. This Ring topology will continually monitor DS1, DS3, STS-1, OC-3, OC-12 and/or **OC-48** service quality, detect any failure within the system, and automatically self-heal around a point of failure to ensure the flow of DS1, DS3, STS-1, OC-3, OC-12 and/or **OC-48 services** between locations within the network.

(C)

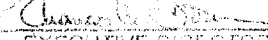
BellSouth Dedicated Ring is available at OC-1, OC-3, OC-3+ OC-12, OC-48, OC-48+, **OC-192** and **OC-192+** capacities.

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EXECUTIVE DIRECTOR

E6. BELLSOUTH SWA SERVICE

E6.2 Provision and Description of BellSouth SWA Service Arrangements (Cont'd)

E6.2.11 BellSouth Dedicated Ring (Cont'd)

A. Self-healing Multi-nodal Alternate Route Topology Ring (Cont'd)

2. OC-1 BellSouth Dedicated Ring is available only in Overlay Ring Arrangements riding the customer's host OC-12, OC-48, or OC-48+ BellSouth Dedicated Ring. The OC-1 BellSouth Dedicated Ring shares the transport of its host BellSouth Dedicated Ring. OC-1 BellSouth Dedicated Ring provides an equivalent capacity of 28 DS1s or one STS-1. When an OC-1 BellSouth Dedicated Ring overlays an OC-12, OC-48, or OC-48+ BellSouth Dedicated Ring, an OC-1 channel interface is required. E6.2.11 BellSouth Dedicated Ring
3. OC-3 BellSouth Dedicated Ring is available as an individual service or in an Overlay Ring Arrangement riding the customer's host OC-12, OC-48, OC-48+, **OC-192 or OC-192+** BellSouth Dedicated Ring. OC-3 BellSouth Dedicated Ring provides an equivalent capacity of 3 DS3s, or any combination thereof not to exceed an OC-3 capacity. Channel Interface Capacity Reallocation allows the customer to reallocate STS-1, DS3 and/or DS1 capacities to OC-3 nodes subsequent to the initial configuration of an OC-3 Ring. (C)
4. OC-3+ BellSouth Dedicated Ring is available as an individual service, or in combination with OC-12 BellSouth Dedicated Ring, or in an Overlay Ring Arrangement riding the customer's host OC-48, **OC-48+, OC-192 or OC-192+** BellSouth Dedicated Ring. OC-3+ BellSouth Dedicated Ring provides an equivalent OC-3 capacity, not to exceed 3 DS3s at each node, with a maximum Ring capacity of 12 DS3s, not to exceed an OC-12 Ring capacity. (C)
When a customer orders OC-3+ BellSouth Dedicated Ring in combination with OC-12 BellSouth Dedicated Ring, capacity and channel interface availability at each Customer Node and Central Office Node location is determined by the size node ordered by the customer.
5. OC-12 BellSouth Dedicated Ring is available as an individual service, or in combination with OC-3+ BellSouth Dedicated Ring, or in an Overlay Ring Arrangement riding the customer's host OC-48, **OC-48+, OC-192 or OC-192+** BellSouth Dedicated Ring. OC-12 BellSouth Dedicated Ring provides an equivalent capacity of 12 DS3s. (C)
6. OC-48 BellSouth Dedicated Ring is available as an individual service, **or in an Overlay Ring Arrangement riding the customer's host OC-192 or OC-192+ BellSouth Dedicated Ring** or with overlaying rings in capacities of OC-1, OC-3, OC-3+ and/or OC-12. OC-48 BellSouth Dedicated Ring provides an equivalent capacity of 48 DS3s. (C)
7. OC-48+ BellSouth Dedicated Ring is available as an individual bi-directional service, **or in an Overlay Ring Arrangement riding the customer's host OC-192+ BellSouth Dedicated Ring** or with overlaying rings in capacities of OC-1, and/or OC-3. It provides equivalent capacity of 24 DS3s between consecutive node locations on the Ring. The maximum capacity of the OC-48+ BellSouth Dedicated Ring is determined by the number of Customer and Central Office nodes on the Ring. (C)
8. OC-192 BellSouth Dedicated Ring service is available as an individual service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12, OC-48 and/or OC-48+. OC-192 BellSouth Dedicated Ring provides an equivalent capacity of 192 DS3s. (N)
9. OC-192+ BellSouth Dedicated Ring service is available as an individual bi-directional service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12 and/or OC-48. It provides equivalent capacity of 96 DS3s between consecutive node locations on the ring. The maximum capacity of the OC-192+ BellSouth Dedicated Ring service is determined by the number of Customer and Central Office nodes on the ring. (N)

(M)

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SECTION 9 (1)

BY: Charles E. Roberts
EXECUTIVE DIRECTOR

Material previously appearing on this page now appears on page(s) 25.2.2.2 of this section.

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E6. BELLSOUTH SWA SERVICE

E6.2 Provision and Description of BellSouth SWA Service Arrangements (Cont'd)

E6.2.11 BellSouth Dedicated Ring (Cont'd)

A. Self-healing Multi-nodal Alternate Route Topology Ring (Cont'd)

10. BellSouth Dedicated Ring Channel Interfaces are available as follows:

Channel Interfaces	Nodes								
	OC-1	OC-3	OC-3+	OC-12	OC-48	OC-48+	OC-192	OC-192+	
DS1	Yes	Yes	Yes	No	No ¹	No ¹	No ¹	No ¹	(T)(M)
DS3	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	(M)
STS-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	(C)(M)
OC-1 ²	No	No	No	Yes	Yes	Yes	Yes	Yes	(C)(M)
OC-3	No	No	No	Yes	Yes	Yes	Yes	Yes	(C)(M)
OC-12	No	No	No	No	Yes	Yes	Yes	Yes	(C)(M)
OC-48	No	No	No	No	No	No	Yes ¹	Yes ¹	(N)
28 DS1 Channel System (DS3)	No	Yes	Yes	Yes	Yes	Yes	Yes ¹	Yes ¹	(C)(M)
28 DS1 Channel System (STS-1)	No	Yes	Yes	Yes	Yes	Yes	Yes ¹	Yes ¹	(C)(M)

11. BellSouth Dedicated Ring Overlay Ring Arrangements are available as follows:

Overlaying BellSouth Dedicated Ring	Host BellSouth Dedicated Ring					
	OC-12	OC-48	OC-48+	OC-192	OC-192+	
OC-1	X	X	X	X	X	(C)
OC-3	X	X	X	X	X	(C)
OC-3+		X	X	X	X	(C)
OC-12		X	X	X	X	(C)
OC-48				X	X	(N)
OC-48+					X	(N)

12. BellSouth Dedicated Ring is connectable at Company Central Offices to any 44.736 Mbps and/or 1.544 Mbps services as provided in Section E6. of this tariff. Rates and charges for such other services are as set forth in the applicable sections of this tariff for such other services. (T)
13. Shared Network Arrangements will not be provided with BellSouth Dedicated Ring at the Ring level. Shared Network Arrangements as defined in E2.6 apply to DS1 channel interfaces only. (T)
14. The customer must provide suitable floor space, controlled environment, and source of non-switched suitable power to support this service. (T)
15. Where the customer provides two separate entrance facility cable routes for BellSouth Dedicated Ring, the primary and alternate entrance facilities will be separate and will enter the customer node over such different routes. When the customer requests a connection at a Customer Node via two local channels and Company facilities do not exist for the second Local Channel, the Company may provide an equivalent second Local Channel via an existing alternate route. When facilities become available for the second Local Channel, the Company may rearrange the alternate route at any time. (T)
16. The compatibility requirements, technical specifications, and generic requirements for BellSouth Dedicated Ring terminated at the customers designated locations are referenced in Technical Reference ANSI T1.404-1994, ANSI T1.403-1989 and ANSI T1.105-1991. (T)
17. DS3 interface combinations and technical specifications are referenced in Bellcore TR-INS-000342. (T)
18. DS1 interface combinations and technical specifications are referenced in Bellcore TR-NPL-000054. (T)
19. STS-1, OC-1, OC-3, and OC-12 interface combinations and technical specifications are referenced in BellSouth Telecommunications, Inc. Technical Reference TR-73582. (T)
20. These self-healing multi-nodal DS3 high capacity service channels have a long term performance objective of 99.5 percent error-free seconds and a severely errored second (SES) objective of less than 0.009 percent SES when the circuit is available. Self-healing multi-nodal DS1 high capacity service channels have a long term performance objective of 99.95 percent error-free seconds. (T)


Note 1: DS1 interfaces are available via OC-1, OC-3, and OC-3+ Overlay Ring Arrangements or 28 DS1 Channel Systems. *DS3 and STS-1 interfaces and DS3 and STS-1 Channel Systems are available for rings installed on or after November 28, 2003.* (C)(M)

Note 2: OC-1 interfaces are only available for use with OC-1 Overlay Ring Arrangements. (M)

Material appearing on this page previously appeared on page(s) 25.2.2.1 of this section.

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SECTION 9.01

BY: 
EXECUTIVE DIRECTOR

E6. BELLSOUTH SWA SERVICE

E6.3 Local Switching Optional Features

E6.3.1 Common Switching (BellSouth SWA FG Customers Only)

- A. These optional features are available only to BellSouth SWA FG customers (as specified in the description) at no additional charge. However, comparable features, known as BSEs, are offered to BellSouth SWA Basic Serving Arrangement customers (see E6.3.3 following).

1. Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. BellSouth SWA FGA services with different methods of providing off-hook supervisory signaling (i.e., provided by customer's equipment vs. forwarded by customer's equipment when the called party answers) cannot be mixed in the same hunt group arrangement. The customer will specify the type of multiline hunt group desired. The types of hunt group arrangements are: Regular Hunt, Preferential Hunt, Circular Hunt with Preferential Hunt, and Circular Hunt with Regular Hunt. This feature, available with BellSouth SWA FGA, is provided from suitably equipped Company offices.

The BellSouth SWA FGA dial tone office utilized for a Hunt Group Arrangement must be the same for all BellSouth SWA FGA lines in the arrangement. The customer may specify that the BellSouth SWA FGA lines in the Hunt Group Arrangement be connected to the same customer-designated location for transport to another state or that the lines be connected to multiple customer-designated locations for transport to another state. A split arrangement (two or more customer-designated locations) is available only when the customer-designated locations are served from the same serving wire center. Customer service record information needed to add more than one customer-designated location to the arrangement, or to modify the service arrangement after initial establishment, must be obtained from the HGA BellSouth SWA FGA customer.

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BY: Stephan O. Bell
SECRETARY OF THE COMMISSION

E6. BELLSOUTH SWA SERVICE

E6.2 Provision and Description of BellSouth SWA Service Arrangements (Cont'd)

E6.2.12 Channels For Use With BellSouth Managed Shared Ring

- A. This tariff section provides for intrastate service components that are for use with a customer's interstate BellSouth Managed Shared Ring service arrangement. (N)
- B. BellSouth Managed Shared Ring service is a managed high capacity shared network service that is offered in the BellSouth Telecommunications, Inc. Tariff F.C.C. No.1. The service is available to customer's that aggregate 337 or greater equivalent DS1s at a location. A DS3 is considered as 28 equivalent DS1s. The service is capable of providing a transport link with high performance and reliability parameters and a level of redundancy/diversity designed to limit a single event from interrupting service. The service is based on fiber facilities configured in ring architectures and is available only in those locations within specified metropolitan areas (BellSouth Managed Shared Ring service areas) which the Company determines can be incorporated into the BellSouth Managed Shared Ring service network enabling the Company to provide the specified level of performance and reliability. BellSouth Managed Shared Ring service areas are identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF, F.C.C. NO. 4. For BellSouth Managed Shared Ring service, the management function provided with the service is such that the Company will control and design the facility assignment, routing and hubbing of services to the customers primary and secondary aggregation locations. The customer may not specify facility routing and selection with BellSouth Managed Shared Ring service as they do with regular high capacity (a.k.a. BellSouth SWA High Capacity) services. (N)
- C. Within the wire center serving areas that comprise a BellSouth Managed Shared Ring service area, the customer's high capacity switched access traffic will be collected and managed for delivery to a customer's aggregation location. The traffic will be collected and managed as an Off-Net BellSouth Managed Shared Ring service DS1, or an Off-Net BellSouth Managed Shared Ring service DS3 channel, as applicable. An Off-Net BellSouth Managed Shared Ring service DS1 or DS3 channel is one that originates at an End Office which is on the BellSouth Managed Shared Ring service network for collection, management and delivery to the customer's aggregation location (N)

E6.3 Local Switching Optional Features

E6.3.1 Common Switching (BellSouth SWA FG Customers Only)

- A. These optional features are available only to BellSouth SWA FG customers (as specified in the description) at no additional charge. However, comparable features, known as BSEs, are offered to BellSouth SWA Basic Serving Arrangement customers (see E6.3.3 following).

1. Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. BellSouth SWA FGA services with different methods of providing off-hook supervisory signaling (i.e., provided by customer's equipment vs. forwarded by customer's equipment when the called party answers) cannot be mixed in the same hunt group arrangement. The customer will specify the type of multiline hunt group desired. The types of hunt group arrangements are: Regular Hunt, Preferential Hunt, Circular Hunt with Preferential Hunt, and Circular Hunt with Regular Hunt. This feature, available with BellSouth SWA FGA, is provided from suitably equipped Company offices.

The BellSouth SWA FGA dial tone office utilized for a Hunt Group Arrangement must be the same for all BellSouth SWA FGA lines in the arrangement. The customer may specify that the BellSouth SWA FGA lines in the Hunt Group Arrangement be connected to the same customer-designated location for transport to another state or that the lines be connected to multiple customer-designated locations for transport to another state. A split arrangement (two or more customer-designated locations) is available only when the customer-designated locations are served from the same serving wire center. Customer service record information needed to add more than one customer-designated location to the arrangement, or to modify the service arrangement after initial establishment, must be obtained from the HGA BellSouth SWA FGA customer.

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EFFECTIVE: September 16, 2002

BY: E.C. Roberts, Jr., President - KY
Louisville, Kentucky

E6. BELLSOUTH SWA SERVICE

E6.2 Provision and Description of BellSouth SWA Service Arrangements (Cont'd)

E6.2.13 Channels For Use With BellSouth SWA Managed Shared Network Service

- A. This tariff section provides for intrastate service components that are for use with a customer's interstate BellSouth SWA Managed Shared Network Service arrangement. (N)
- B. BellSouth SWA Managed Shared Network Service is a managed high capacity shared network service that is offered in the BellSouth Telecommunications, Inc. Tariff F.C.C. No.1. The service is available to customer's that aggregate 28 or greater equivalent DSIs at a location. BellSouth SWA Managed Shared Network Service is a service under which the customer assigns to the Telephone Company the responsibility for facility design and engineering and routing of the dedicated transport for DS1 and DS0 switched access services from serving wire centers in a BellSouth SWA Managed Shared Network Service area to the customer's Aggregation Location(s) in the same BellSouth SWA Managed Shared Network Service area. Each LATA in the Telephone Company's territory is a BellSouth SWA Managed Shared Network Service area. (N)
- C. An Aggregation Location is any customer designated premises in a BellSouth SWA Managed Shared Network Service area that aggregates 28 or greater equivalent DSIs which the Telephone Company provides to the customer and which customer designated premises has been designated by the customer as an Aggregation Location for purposes of BellSouth SWA Managed Shared Network Service. In determining the number of DS1 equivalents the customer has at an Aggregation Location, 24 DS0s are considered an equivalent DS1. (N)
- D. An Alternate Aggregation Location is a customer location in a BellSouth SWA Managed Shared Network Service area that aggregates dedicated transport for DS1 and DS0 switched access traffic which may be rearranged to an Aggregation Location in the same BellSouth SWA Managed Shared Network Service area. (N)
- E. BellSouth SWA Managed Shared Network Service traffic is connectable at serving wire centers to DS1 and DS0 switched access services. Each serving wire center in a BellSouth SWA Managed Shared Network Service area from which switched dedicated transport traffic originates or terminates for delivery to or from an Aggregation Location or Alternate Aggregation Location is an Origination Location. (N)
- F. The credit allowance for service interruptions associated with BellSouth SWA Managed Shared Network Service shall be the same as comparable standard BellSouth SWA Service components. (N)

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